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MAR 13 1931

The Pierce Seed & Mercantile Company



Retail List of

SEEDS

BULBS, PLANTS
Poultry Supplies



1931

Corner Grand and Victoria Avenues
PUEBLO, COLORADO

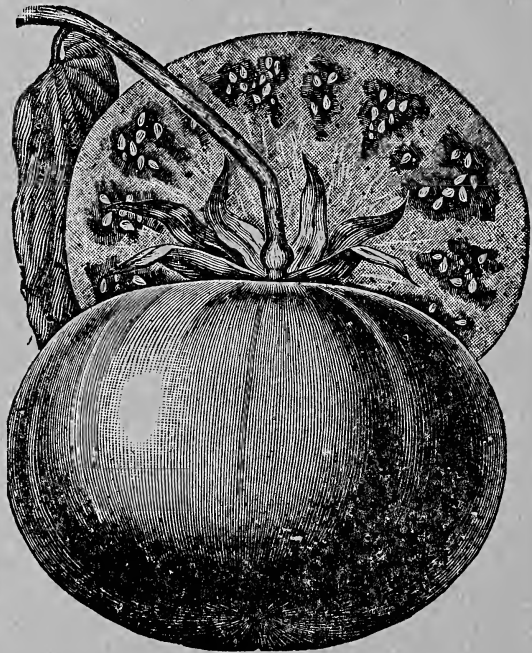
The Five Best Early Tomatoes

CHALKS EARLY JEWEL

Used by the canners in the Arkansas Valley more than any other variety. While not as good a tomato for canning as some other varieties, the earliness and yielding qualities make it their favorite. Our seed of this variety is exceptionally good. Oz. 30c.

SPARKS EARLIANA

Very early. The fruit is unusually solid, but few seeds, and attractive red color. Very productive. Oz. 30c.



JUNE PINK

One of the early choice tomatoes, enormous bearer, fruit is of medium size, smooth and attractive shape; in color, a pleasing pink. Oz. 30c.

EARLY DETROIT

An early, medium-sized, smooth, purple fruited sort. Globular in shape and good flavor. Oz. 30c.

LIVINGSTON BEAUTY

For the main crop tomato, this is still the best one to grow; the plants make a strong growth and bear profusely. They are usually produced in clusters of four, is large, of perfect shape, good color, and will not bruise in handling like some of the new varieties will. Oz. 30c.

Experience has proven that one variety of tomato is better adapted to soil and other conditions in your locality, so when you have been successful with a certain variety, make that one your crop.

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Forty-sixth Annual Seed Catalogue of The Pierce Seed & Mercantile Co.

We don't claim to be the cheapest in the country, a firm can't be the cheapest on seeds and give their customers the quality and service they have the right to expect. We endeavor to give you the best grade of seeds that will grow and produce the results you expect. Most of these seeds have been tested for germination before offered to you and when they are planted with the proper conditions and care you will get results for your time and labor, you will find it a pleasure to buy SEEDS THAT WILL GROW from PUEBLO'S RELIABLE SEED STORE.

NO WARRANTY—A great many ask us if we warrant our seeds. We do not, in any respect. We will send out only seeds that we have tested and know that they will germinate. We believe the seeds we offer are unsurpassed in quality, as we make contracts from reliable growers.

THE PIERCE SEED & MERCANTILE CO. gives no warrant, expressed or implied, as to description, purity, productiveness or any other matter of any seeds or bulbs they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

ORDER EARLY—We try to execute all orders as soon as received, but during the rush of the busy season, delays for a day or two are unavoidable. That event can be overcome by our customers anticipating their wants and sending their orders in early. If errors should occur promptly notify us and we will try to correct them satisfactorily.

We do not substitute. While our stock now is complete all offers in this catalog are subject to stock being unsold on receipt of orders.

This season we will make special prices to MARKET GARDENERS, for their complete list of garden seeds. Kindly send us your list and give us an opportunity to give you prices on SEEDS TRUE TO NAME AND SURE TO GROW, that have been tested for germination before being offered to our patrons.

TERMS: CASH WITH ORDER

POSTAL MAIL CHARGES on all seeds, bulbs and plants up to 8 ozs., gross weight, we prepay charges, except where noted. Parcel Post rate charges must accompany all orders in excess of the 8-oz. weight at the zone rates.

LIQUID AND ALL POISONS are not mailable. they must go by freight or express.

While it may not be necessary, packages sent via Parcel Post may be insured at the following rates:

Packages valued up to \$25.00, 5c for each package.

Packages valued \$25.00 and up to \$50.00, 10c for each package.

If you desire your package insured, kindly include insurance with your remittance.

Money must be sent by Money Order, Registered Letter or Draft.

We sell packets of any seed quoted at 5c and 10c packet.

The prices in this catalogue cover cost of bags, boxes and all packing, but does not include cost of transportation, except flower packet seeds and where noted.

ALL OFFERS in this catalogue subject to stock unsold. **ORDER EARLY.**

When in the city ask for the **PIERCE SEED CO.'S STORE.** You are always Welcome. Corner Grand and Victoria.

PARCEL POST RATES

Local rate is first pound 7c, each additional pound 1c per pound.

First and second zones, first pound 7c, each additional pound 1c per pound.

Third zone 8c first pound, each additional pound 2c per pound.

Fourth zone, 9c first pound, each additional pound 4c per pound.

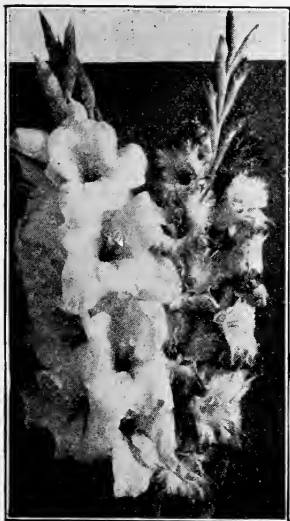
Fifth zone, 10c first pound, each additional pound 6c per pound.

Sixth zone, 11c first pound, each additional pound 8c per pound.

Of all seeds quoted in the 100-lb. lots, 25 lbs. will be furnished at the same rate per lb.

SUMMER FLOWERING BULBS

Should be put in the ground as soon as the season will permit. A light covering of old straw or litter will be good protection from early changeable weather. If you have never grown flowering bulbs try them this season, as they are much more satisfactory than growing flowers from seeds.



GLADIOLI—NEW VARIETIES

Gladioli bulbs offered this season are all new varieties, some of the colors and combination of colors are as beautiful as the orchid. These bulbs are grown for propagation purposes only and are not from bulbs grown for cut flowers.

ANNA EBERIUS, deep velvety purple with dark Bordeaux center; large flowers on long stems. Per doz. 50c.

ARIZONA, deep rose pink with maroon markings on lower petals; strong cut flower of great keeping qualities. A-1 florist variety and a good forcer. Per doz. 50c.

CARMEN SYLVA, snow white; large flowers well placed on always perfectly straight, tall stems; extra fine cut flower variety. Per doz. 60c.

CHATEAU THIERRY, orange-cerise with yellow border, red blotch on lower petals; tall spike with wide open, well formed flowers. Per doz. 50c.

E. J. SHAYLOR, splendid deep rose pink, one of Kundred's best ruffled varieties; good cut flower. Per doz. 50c.

IDA VAN, brilliant deep salmon red; good strong flower spike. Per doz. 50c.

JOE COLEMAN, bright red, carmine blotch; very attractive, ruffled flowers; many open at a time, strong grower and good propagator. Per doz. 60c.

L'IMMACULEE, pure white; tall slender stems with many flowers open at a time; very desirable cut flower variety; early, dependable forcer. Per doz. 60c.

LOUISE, orchid lavender, with deep blotch in throat, a refined combination; wide open flowers on strong stems. Per doz. 60c.

MR. TREUB, finest appleblossom pink; very tall, graceful spike with many flowers open at a time; good cut flower variety. Per doz. 50c.

ROSE ASH, old rose overlaid and blended with pink, blue and red, giving the color of ashes of roses, hence its name; large flowers on tall strong spikes; very attractive. Per doz. 60c.

GOLDEN MEASURE, pure golden yellow; very large flowers of good substance; robust grower and considered the best yellow on the market; a superglad. Per doz. 80c.

BARON JOS. HULOT, deep indigo blue; flowers are not large, but there is nothing better in this color. Per doz. 75c.

FLAMING SWORD, brilliant red, overlaid with orange; as many as ten flowers open at a time, well placed on tall, straight stems, very early. Per doz. 70c.

EMPRESS OF INDIA, rich, dark purplish maroon, one of the darkest colored glads. Per doz. 70c.

EXHIBITION MIXED, a mixture of the best standard varieties that we can recommend. Per doz. 40c; per 100, \$2.75.

TUBE ROSES

EXCELSIOR DWARF PEARL—Easily recognized by its exquisite fragrance, and beautiful flower spikes, which are borne on long stems, making it an admirable cut flower. Should be planted in a warm, sunny place, about the first week in April. Blossom during August and September. Price, 4 for 25c.

DAHLIAS

We have discontinued the common sorts this season and offer only the latest creations of special merit in dahlias, strong bulbs and true to name. Cultivation: If possible plant in open, sunny situation. Prepare the soil thoroughly by digging, but be moderate in the use of manure and water. Never plant when it is wet. Lay the tuber flat on its side, eye up and cover about four inches deep, pressing the soil firmly on the tuber. Keep the soil loose and mellow by frequent hoeing, drawing the soil to a slight hillock around the plant. Dahlia blooms keep much better when cut in the evening and the least foliage cut the better for blooms and plant. If green is desired, use some other foliage of better keeping qualities. Varieties growing three feet in height should be tied to stake to prevent falling.

DAHLIAS—CHOICE NOVELTIES

FRANCIS DANIELS (W.) A lovely dahlia with exceptionally long stems that hold the flower erect. Color a delicate shade of light pink. Has excellent keeping qualities. An ideal of the peony type. Should have rich soil. 50c each.....5 ft.

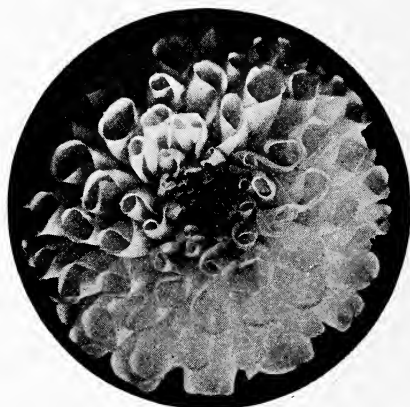
ANARCHIST. (Decorative.) Flowers of immense size. Flowers freely on stems often 18 inches in length, strong and wiry, holding the flower erect. Color, intense red. Exceptionally fine. 50c each5 ft.

F. M. CRAIG (Davis.) (Decorative.) A large perfect flower of charming canary yellow, held erect on long stiff stems. A good cut flower variety. 50c each.....4 ft.

CHICOTA (W.) An ideal golden yellow of large size and exceptionally long stems—often 18 inches in length. Flower perfect in form and clear in its rich golden yellow. Fine. 50c each3 ft.

SWEETHEART'S BOUQUET (W.) This variety is my sensational introduction of 1920 and stands 100 per cent on all claims made for it. It is a perfect flower of the popular peony type. In color, a unique shading of salmon rose, shaded with fawn; pleasing alike in both day and artificial light. Flowers are very large and stems extra long and wiry. One of the very earliest to bloom and continues throughout the season. 50c each5 ft.

BRIDE'S BOUQUET (W.) (Cactus.) The ideal white cactus, pure white on extra long stems, wiry and erect. An excellent keeper and a very fine bloomer. Flowers medium in size and excellent form. 50c each.....3 ft.



CHIPETA (W.) (Cactus.) A mammoth flower borne on very long stems which hold the flower erect. Rich amaranth red. A pleasing color. Flowers 5 to 7 inches in diameter. 50c each4 ft.

COUNTESS OF LONSDALE. The freest flowering Cactus Dahlia in the collection, and perfect in form. Color, an exquisite shade of rich salmon, with just suspicion of apricot at the base of petals. 50c each.....3 ft.

MONS LE NORMAND. (Decorative.) A very, very large, bold flower, borne on good stems. Color, yellow, heavily streaked with red; sometimes solid red or even showing white tips. A fine variety. 50c each4 ft.

GOLDEN WEST. (Cactus.) A superb flower of exceptional size, often seven inches across. Stems long and rigid, holding the flower to full view. Color, golden yellow shaded to pure yellow in center. Has no superior. 50c each4 ft.

MRS. C. D. ANDERSON. (Show). A New Jersey dahlia far above the average show type. Stems long and wiry. Flowers large and almost round in form. Color, rich, clear purple. An early and very prolific blossom. 50c each4 ft.

MRS. CARL SALBACH. (Decorative). Extra large and of beautiful form and always full to the center. Stems are exceptionally long, holding the flower erect. Color, soft lavender-pink. Among the very best of recent introductions. 50c each.....5 ft.

CACTUS VARIETIES—Price 25c Each

Approximate
Ft. High

CHARLES CLAYTON (W.) Stems are long, holding the flowers well above the foliage. Color, a most intense red, so vivid as to dazzle the eye. Flowers are large in size and are produced freely.....4 ft.

DAINTY. Rosy pink, shaded to pale lemon. Very good.....4 ft.

EMILY RUSSELL. Flowers very freely on excellent stems. A good cutting variety. Color, American Beauty red. A fine dahlia.....3 ft.

GENESTA. Rich orange bronze. Fine autumn shade.....3 ft.

KREIMHILDE. Shell pink, shading to white in the center. A very popular cutting variety.....4 ft.

MRS. FERDINAND JEFFRIES (W.) In formation the flower is irregular; its long petals are curved and twisted, giving the flower a shaggy appearance. Color, deep velvety red.....3 ft.

MAGPIE. A neat well formed variety with very long narrow petals, claw like in appearance. Color wine red variegated with white and pink shading.....3 ft.

MARION THOMPSON (W.) Pure lemon yellow. Flowers large and an exceptionally good keeper as a cut flower. Stems long and stiff. Early and free.....3 ft.

LAVENDER BEAUTY. A clear, soft lavender shade. Petals deeply serrated.....4 ft.

REINKONIG. A fine white cactus. A robust, healthy grower, producing flowers of pure snowy white.....4 ft.



CHOICE CACTUS

\$2.50 Per Dozen

SHOW AND FANCY DAHLIAS

Price 25c each

Approximate
Ft. High

DR. I. B. PERKINS (W.) An ideal white show dahlia. Its large, pure white flowers are borne on very long stems which hold the flower free above the foliage. Excellent for both cutting and garden decoration.....5 ft.

GOLDEN SPRAY (W.) Large flowers borne on long stems and produced in profusion. Bright golden yellow. A superb variety for cutting.....4 ft.

LA FRANCE. Brilliant rose-pink, similar to the rose with the same name. Flowers are gigantic, loosely built and resemble in shape a large double peony.....4 ft.

LA GRANDE MANITOU. (Decorative.) An immense flower. Color, purple streaked and mottled with crimson. Sometimes solid purple. Very attractive.....3 ft.

BOX COLLECTIONS OF DAHLIAS FOR \$2.00

These collections are put up in a neat telescope box, packed ready to ship; 13 varieties, unlabeled. A wide range of colors—red, white, pink, yellow and variegated.

	Approximate Ft. High		Approximate Ft. High
BERCH VON HEEMSTEDE. An extra fine dahlia of large size, fine form, good stem, and excellent keeping qualities. An early and profuse bloomer. Color, clear, rich yellow 4 ft.		MRS. THOS. BURCH (W.) Rich old gold, sometimes marked with pink, shading to fawn. An ideal autumn shade and one of the very best of the autumn tinted varieties. Flowers full size, stems long and rigid, fine for cutting4 ft.	
J. B. SETH. A brilliant scarlet, has excellent stems. An early and constant bloomer4 ft.		MINA BURGLE. A very free flowering variety. Flowers extra large and clear in color. Popular as a cutting variety. Dark vivid red, produced on good stems.....4 ft.	
PURPLE MANITOU. Extra large, clear purple. A sport from the popular La Grande Manitou; one of the best clear purples.....3 ft.		MOONBEAM (W.) Large flowers borne on excellent stems. Color, clear canary yellow. One of the very best of the light yellows. Blooms very freely and an excellent keeper when cut.....3 ft.	
MRS. BAGGE. A beautiful dahlia in both form and color. A pleasing old rose color. Flowers are large and full, and stems long and erect.....3 ft.		QUEEN MARY. This is a stronger grower than Delice. A large flower with full rounded center. The color is a soft shade of pink.....4 ft.	

CALADIUM EXCULENTUM

ELEPHANT'S EAR—One of the most effective foliage plants for beds and borders. Can be used with good effect as a border for tall-growing Cannas when edged with Coleus or other long-growing foliage plants. Large bulbs. Each 25c.

MADERIA VINE

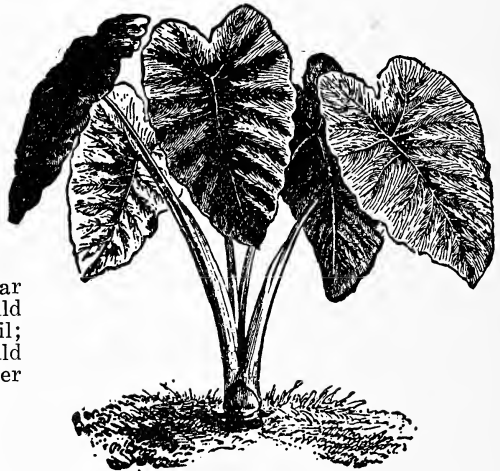
One of the best and most popular climbers for foliage effect. Tubers should be planted about the middle of April; they increase very rapidly. Tubers should be lifted about the middle of September and stored in a cool place. Each 10c.

CANNAS

With their delightful tropical foliage and brilliant flower spikes, producing flowers all summer long, cannas are the greatest of flowers for massed effects. Our cannas are grown by one of the most reliable growers, carefully harvested with two to three growing eyes. The five varieties listed here are the best varieties in their particular color:

YELLOW KING HUMBERT—4 ft. Masses of rich yellow flowers spotted into bright red. Green foliage. Each 10c.

KING HUMBERT—4 ft. The immense orchid-like flowers are orange scarlet rose-tinted and margined at the base. Bronze foliage. Each 10c.



Caladium Exculentum

HUNGARIA—3½ ft. The most popular pink variety, large flowers of deep rose, born on enormous trusses. Green foliage. Each 10c.

DAVID HARUM—4 ft. Vermillion scarlet, very prolific. Bronze foliage. Each 10c.

FIRMYER—4 ft. Bright red flowers on long stiff stems. Green foliage. Each 10c.

JOHN FORAKER—4 ft. Large exquisite salmon pink flowers, robust, upright stocks. Bronze foliage. Each 10c.

FLOWERING SWEET PEAS

PREPARING THE SOIL—Select a warm, sunny place, and if possible, prepare the ground in the fall by a liberal application of well-rotted manure. If your soil is adobe, use old, coarse manure in the spring. Place the fine manure as much in the trenches as possible.

SOWING THE SEED—After you have the soil well prepared, make a trench six inches deep, sow the seed about one inch apart in the trench, and cover two inches. As the vines grow, draw the earth up to them until the ground is level or slightly lower between the rows. Another way: Make two trenches six inches deep from six to eight inches apart and the double rows from eighteen inches to two feet apart, making the ground lower between the rows.

A FEW HINTS—Prepare the ground and get the seed in as early as possible.

Have the ground moist (not soggy wet) when you sow the seed.

Do not irrigate until the plant is through the ground; sprinkle rows to keep the ground moist.

When nicely started, do not let them want for water, sprinkle the vines two or three times a week, but not in the heat of the day.

A small quantity of fertilizer mixed with the ground in the bottom of the trench before planting is very beneficial, and the plant appreciates mulching.

DO NOT USE FRESH MANURE.

Keep all flowers cut off if you want continuous bloom. When they go to seed that ends flowers.

We are listing only the very best of shades in the Grandiflora and Spencer types of Sweet Peas.



EARLY ORCHID FLOWERING SWEET PEAS

A new type of Spencer Sweet Peas, with all the good characteristics of the others, but full two weeks earlier when planted outside. Price, 30c per oz.

ALL WHITE—Largest pure white.

BLUE JACKET—Large navy blue.

HARMONY—Very large, clear lavender.

HELEN LEWIS—Fine orange salmon.

HERCULES—Giant rose pink.

LIBERTY—Large bright crimson.

Flowering Sweet Peas are easily grown. We have the best assortment of colors. Our customers say the finest they have ever grown. Large blooms, long stems.

GRANDIFLORA, LARGE TYPE, FLOWERING SWEET PEAS

The following list are grandiflora, large type, flowering Sweet Peas, and we can recommend all of them of the finest colors. The price of these varieties is 10c per oz.

AMERICA—Red and white striped.

BLACK KNIGHT—Deep maroon.

DOROTHY ECKFORD—Large white.

FLORA NORTON—Bright blue, with purple tinge.

MRS. E. KENYON—Large primrose.

JANET SCOT—Large, deep pink.

KING EDWARD VII—Very bright red.

LADY HAMILTON—Lavender.

PRIMA DONNA—Pale, soft pink.

WAVED SPENCER TYPE SWEET PEAS

Having sold out of Sweet Peas last season we offer you a choice selection of mammoth flowering Spencers all in new shades. With proper cultivation these appear in clusters 3 to 4 on stems twelve to eighteen inches in length.

ALEXANDER MALCOM—Bright scarlet cerise.

ANNIE IRELAND—Pure white, edged terra-cotta pink.

BARBARA—Salmon.

BLUE PICOTEE—White with blue edge.

CHERUB—Deep cream edged with rose.

DEFIANCE—Orange scarlet.

ALFREDA PEARSON—The best giant shell pink.

ETTA DYKE—Large pure white waved. GIANT WHITE—Is the largest white.

HAWLMARK LAVENDER—A clear light lavender.

HAWLMARK MAROON—Best deep maroon.

LORD NELSON—Navy blue.

R. F. FELTON—Orchid lavender.

TANGERINE—Improved large orange.

These varieties are 20c per oz., for 10 feet.

HARDY PERENNIAL ROOTS AND BULBS

Start a Perennial Flower Bed this Spring and each year add a few more varieties and see how satisfactory they are.

PHLOX

Red, pink, white, lavender, lilac, deep purple, pale pink with red eye, pure white with pink eye, salmon, scarlet; strong, healthy roots. Each, 15c; \$1.50 per dozen; postpaid.

GOLDEN GLOW

(Hardy)

DOUBLE RUDBECKIA

One of the brightest and most showy among the hardy plants; grows 4 to 5 feet high, producing numerous stems which are laden with double golden yellow flowers. Price, 10c each; \$1.00 doz.

IRIS—GERMAN

Golden and brown; ivory and gold; coppery rose and claret; and rose. 20c each.

HOLLYHOCKS

(Double, Strong Field Roots)

The flowers, which are as elegant in shape as a Camelia, form perfect rosettas of the most lovely shades; separate colors in red, white, yellow, pink and maroon. Price 15c each; \$1.50 per doz.

COLUMBINE

Rocky Mountain Columbine Roots

Aquilegia (Hardy)

Can be planted in the fall or early spring. Price, per root, postpaid, 20c.

TIGRUM

(Tiger Lily)

Each, 15c. \$1.50 per dozen.

SHASTA DAISY

A mammoth new Daisy, producing pure white flowers with yellow center. Each, 15c; \$1.50 per dozen.

BURBANK'S ALASKA DAISY

Flowers four inches across. Excellent for cutting and will keep a full week in water. Keep the blossom buds cut off until the plants are well established. Plant in rich soil; give the plant lots of room and plenty of water. Strong plants. Each, 15c; \$1.50 per dozen.

GYSOPHILA PANICULATA (Baby Breath)—A beautiful perennial, 2 or 3 feet in height; minute pure white flowers. For cutting purposes it is exquisite, especially in combination with highly colored flowers. Baby Breath, if cut when in full bloom and hung up in a cool, shady place, can be used for decorations and in bouquets all winter. Price, 15c each.

SWEET WILLIAM—A general favorite with all. Mixed colors. Price, 15c each.

CARNATION—(Hardy). Mixed colors from pure white to dark red. Price 15c each.

PEONIES



EDULIS SUPERBA—A most beautiful clear pink flower, very large, fragrant and early. Each 50c.

OFFICINALIS RUBRA—Bright red, the earliest of all red peonies. Semi-double. Each 75c.

LA ESPEANCE—Deep pink, very early, large bomb shape flower. Each 50c.

QUEEN VICTORIA—Bomb type, blooms mid-season, white with faint touch of blush. Each 50c.

FLORAL TREASURE—Clear even pink, rose type, blooms mid-season. One of the most popular cut flower varieties. Each 50c.

FELIX CROUSSE—Bright ruby red, blooms late. Rose type with long stems, very fragrant. Each 75c.

ORIENTAL POPPY—Perfectly hardy. Its large orange scarlet flowers make it one of the most showy of all plants; when cut before the sun strikes the flower in the early morning it will last a long time as a cut flower. Price 15c each.

FESTIVA MAXIMA—This variety is of great beauty, very showy, large rose shaped flowers with a slight touch of red on edge of center petals. Each 50c.

HARDY VINES

CLEMATIS (Paniculata)—A vine of very rapid growth, with handsome clean, glossy, green foliage. Flowers of medium size, pure white, borne in immense sheets of a most delicious and penetrating fragrance. The flowers appear in September. Should be provided with trellis or something to climb on as soon as it starts its growth. Price, 2-year-old, 25c each.

CLEMATIS (Jackmani)—This variety with its strong, healthy growth and rich, deep velvety purple flowers, is the most satisfactory of its class. Should be pruned early in the spring. Price, 75c each.

HONEYSUCKLE — Scarlet Trumpet. A rapid growing Honeysuckle, with clusters of trumpet-shaped flowers. Price, 25c each.

HONEYSUCKLE (Halleana)—A vigorous grower. Flowers yellow and white; very fragrant. Price, 25c each.

WISTERIA—A rapid climber, producing long sprays of purple flowers. Two-year-old roots, 25c each.

POLYGONUM—This is the popular Silver Lace Vine. It is a vigorous grower, obtaining a height of ten to fifteen feet, producing numerous small creamy white flowers through the summer and fall. Two-year-old roots, each 75c.

ROSES

About March 15 we will have the following Climbers and Hybrid Tea Roses. These are strong, healthy two-year-old roots. Price, 75c each.

AMERICAN BEAUTY — Robust Red Climber.

MARY WALLACE—Shell pink, rose base.

CRIMSON RAMBLER—Clusters of scarlet red.

GOLDEN OPHELIA—Tea, golden yellow.

LOS ANGELES—Tea, salmon pink and yellow.

MAMAM CHOCHET—Tea, silvery rose and white.

SENSATION—Tea, double, scarlet.

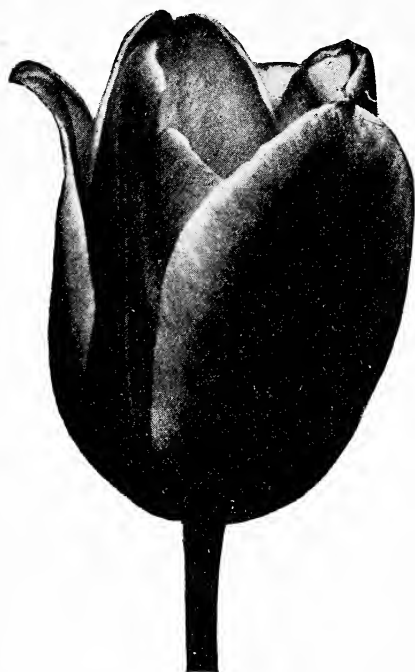
SOUV. CLAUD. PERNET—Tea, very fine yellow.

TEMPLAR—Tea, fragrant, red color.

RADIANCE—Tea, most reliable pink.

DARWIN TULIPS

FOR FALL PLANTING



BARON DE LA TONNAYE—Carmine pink, pink, margined blush.

CLARA BUTT—Delicate salmon rose.

DARWIN YELLOW—Rich yellow flowers.

EUROPE—Bright, carmine red.

FARNCOMBE SAUNDERS—Very large, fine, red.

GLOW—Bright, vermillion scarlet.

MADAME KERLAGE—Large lilac rose, blush edge.

PRIDE OF HAARLEM—Brilliant rosy carmine.

VALENTINE—Light lavender.

WHITE QUEEN—The best white.

ZULU—Large purple black.

We will have a stock of Narcissus, Daffodils, Jonquils, Hyacinths, Crocus, Scilla, Snowdrops, Freesias and Double and Single Tulips in separate colors. Write us for a price list about September 15. We will be pleased to mail you one and receive your orders.

HOW TO MAKE A HOT BED

In the first place select a suitable location, as to convenience in securing water to irrigate with, sheltered as much as possible, and exposure to the south. Heating material, fresh horse manure containing a liberal quantity of straw bedding. The manure should be forked over and shaken apart, and if dry, watered and allowed to stand a few days, then forked over in a pile, and allowed to heat again. Dig a pit about two feet deep and about one foot larger all around. The usual size is six feet across, and as long as you want the hot bed. Sash are three by six feet, so the length of your bed will be regulated by the number of sash used. Then fill the bed with manure, and be careful to spread it even, and pack thoroughly as you fill in to within six inches of the top of the ground. Then put on your frame, inch lumber will do for the frame. Make the back twelve inches and the front six inches. Cover with sash, and let the heat come up, and then run down before covering with soil. It generally takes two or three days for the heat to pass off, then cover with soil, dry soil, if possible. Care should be taken to evenly distribute the soil so it will settle evenly, and this gives you even heat all over the bed. The soil should be about six inches deep. Bank up all around the outside of the frame with manure, and as it settles add more manure to keep it even to the top. It is best to sow the seed in rows from four to six inches apart. Keep the bed moist and ventilated to avoid damping off.

While we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, expressed or implied. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.

We prepay postage on all garden and flower seeds, except peas, beans and corn.

FLOWER SEEDS

Postpaid.

Flower seeds sent by mail on receipt of price. Full cultural directions on each package. In our list you will find A, B, or P, to each variety. A for ANNUALS, which grow, bloom and die the first year from seed. B for BIENNIALS, bloom the second year from the seed, then die; though many, if sown early in the spring will flower the first year. P for PERENNIALS, usually bloom the second year from seed, and continue to grow and bloom for many years; some will also bloom the first year if sown early.

Alyssum, Sweet (A) white.
 Ageratum (A) Tom Thumb, blue.
 Arolinub (A) everlasting.
 Amaranthus (A) Joseph's Coat.
 Aster (A) China, mixed.
 Aster (A) Comet, mixed.
 Asparagus (P) ornamental.
 Aquilegia (P) Columbine, mixed.
 Bachelor Button (A) mixed.
 Balsams (A) double, extra choice mixed.
 Bellis (P) pure white, double daisy.
 Calendula (A) Pot Marigold, double mixed.
 Calliopsis (A) mixed.
 Campanula (A) Canterbury Bells.
 Canna (A) Crozy's finest mixed.
 Candytuft (A) fine mixed.
 Candytuft (A) white.
 Centaurea (A) Margarietta, sweet scented.
 Carnation (A) double mixed.
 Carnation (A) Margaret.
 Centaurea (A) Cyanus cornflower
 Celosia (A) Chinese wool flower, mixed.
 Celosia (A) Pres. Theires, double cockscomb.
 Celosia (A) Cockscomb, dwarf mixed.
 Chrysanthemum (A) double mixed.
 Chrysanthemum (A) single mixed.
 Clematis (A) blue
 Cobea (A) scandens.
 Columbine (P) double mixed.
 Coreopsis (A) fine mixed.
 Cosmos (Double Crested) early mixed.
 Cosmos (A) fine mixed.
 Cosmos (A) early mixed.
 Cucumber, Wild (A) mixed
 Cypress Vine (A).
 California Poppy (A) yellow.
 Dahlia (A) double mixed
 Dianthus (A) China pink, double mixed.
 Feverfew (A)
 Foxglove (P) mixed.
 Four O'Clock, (A) mixed.
 Geranium, mixed.
 Globe Amaranths (A) mixed.
 Gourds (A) ornamental
 Giallardia (A).
 Heliotrope (P) mixed.
 Helichrysum (Everlasting Straw Flower) mixed.

Hollyhock (B) Allegheny.
 Hollyhock (P) mixed, double mixed.
 Humulus (A) Japanese Hops.
 Ice Plant (A).
 Job's Tears (A) ornamental
 Larkspur (P) finest mixed.
 Lantana (A) mixed.
 Lathrus (P) Sweet Peas.
 Lobelia (A) fine mixed.
 Linum (A) scarlet flax.
 Matricara (A) Unicorn Plant
 Marigold (A) French Dwarf
 Mignonette (A) large flowered.
 Mignonette (A) sweet.
 Morning Glory, tall
 Morning Glory, dwarf.
 Musk Plant (A).
 Myosotis (P) Blue Forget-Me-Not.
 Nasturtium, dwarf
 Nasturtium (A) tall mixed.
 Nicotiana (A).
 Pansy (P) German mixed.
 Pansy (P) Giant Trimadean mixed.
 Petunia (A) fine mixed.
 Phlox (A) Drummodi, mixed
 Phlox (A) Star of Yudelburg, mixed.
 Phlox (P) mixed
 Pink (A) China.
 Poppy (A) Carnation Flower.
 Poppy (A) Shirley.
 Poppy (A) California, yellow.
 Poppy (A) Iceland, double.
 Portulacca (A) mixed, double.
 Portulacca (A) mixed, single.
 Salpiglossis (A) dwarf, mixed.
 Salvia, Splendens.
 Scabiosa (A) dwarf, mixed.
 Smilax.
 Snapdragon (A) dwarf, mixed.
 Stocks (A) Cut and Come Again.
 Sunflower (A) double, globe-shaped.
 Sweet Peas (A) mixed.
 Sweet William (P) double, mixed.
 Sweet William (P) single, mixed.
 Verbena (A) mixed.
 Violet (P) blue, sweet scented.
 Virginia Creeper.
 Wall Flower, German; double, mixed.
 Wild Cucumber Vine.
 Zennia (A) dwarf, mixed.
 Zennia (A) Dahlia Flowering.

DEPENDABLE GARDEN SEEDS

ARTICHOKES

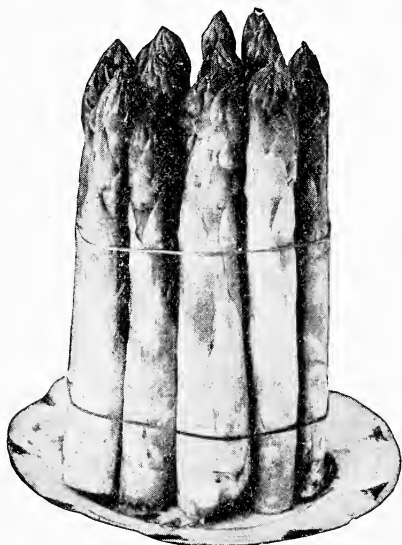
Require a deep, rich, sandy loam with plenty of well-rotted manure. Sow seed in April or May; when large enough, transplant in rows three to four feet apart, two feet in the rows. They reach maturity the second year. Also may be sown in hotbed in February and transplanted in May. In this way crop may be gathered first season. The heads should be cut off before ripening for culinary purposes.

Select Large Green Globe, per packet, 10c; oz. 60c.

ASPARAGUS

Sow in drills one foot apart, and when the plants are 4 or 5 inches high they should be thinned out so the plants will be 9 inches apart in the rows. Keep the weeds down thoroughly the first year, else they choke down the young seedlings. The deeper the soil and greater the abundance of manure that is used the greater the crop. The experience of Colorado gardeners is that Asparagus can be cut from one to two years earlier than in the east. It is the most profitable crop grown on the market.

One ounce seed to a 6-foot drill.



MARTHA WASHINGTON—The color is rich dark green. Long, thick, straight shoots and the best flavor. Oz. 15c; ¼ lb., 60c; 1 lb., \$1.75.

EARLY ARGENTEUIL — Earlier, larger and better than the standard Conover's Colossal. Oz., 10c; ¼ lb., 25c; lb., 75c.

CONOVER'S COLOSSAL — A standard variety. Oz., 10c; ¼ lb., 25c; lb., 75c.

PALMETTO — A vigorous growing sort, considered by many the best variety. Oz., 10c; ¼ lb., 25c; lb., 75c.

WE CAN SUPPLY ASPARAGUS ROOTS IN SEASON — Two-year-old roots, per doz., 25c; per 100 by express, \$1.00; mail, per 100, \$1.25. Special price per 1,000 on application.

We prepay postage on all garden and flower seeds, except peas, beans and corn.

BEANS

60 Pounds to the Bushel.

Select light, warm soil; plant when danger of frost is past in spring, about two feet apart in drills; cover one inch deep; 1 lb. to 50 feet to drill; 75 to 90 lbs. seed to acre. Include postal charges with your order if sent by mail.

DWARF OR BUSH

RED VALENTINE — Green pods; early, nearly whole crop can be picked at one time; desirable for market gardeners. Lb., 25c.

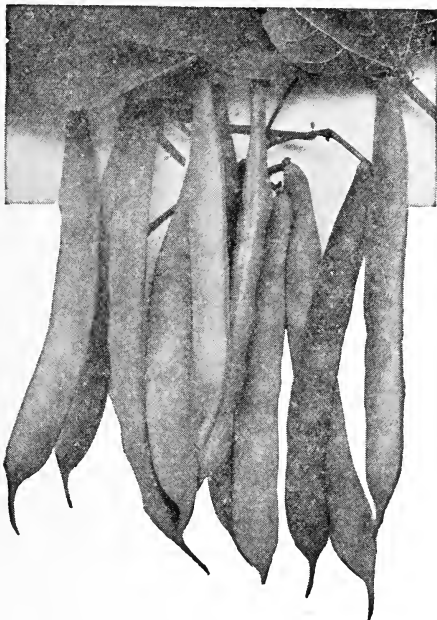
BURPEE'S STRINGLESS (Green Pod)—Extra early stringless; a very fine bean for market gardeners and home use; pods round and fleshy, free from strings. Lb., 25c.

EARLY STRINGLESS GREEN REFUGEE—One of the best early bush beans for home gardens. Pods are round, average about 5 inches in length. They are fleshy, tender, brittle and entirely free from strings. The best canning bean. Per lb., 25c.

DAVIS' WHITE KIDNEY WAX — Very productive; early, rustless; its commercial value as a white kidney bean is unsurpassed; in time of over-production as a snap bean let them go to seed and they will sell as a dry bean. Lb., 25c.

FULL MEASURE (Green Pod)—Very productive, stringless and averaging about six inches long, straight and very fleshy. Growing very rapidly in favor of gardeners, fifty days to maturity. Per lb., 25c.

REFUGEE WAX STRINGLESS—The popular canning variety, mid-season, very hardy, vigorous and productive. Pods about 5 inches long, slender, regularly curved, well filled depressions, fleshy, fine grained, excellent quality, color a pale yellow. Per lb., 25c.



GIANT STRINGLESS (Green Pod)—This bean has the same good quality of Burpee's Stringless Green Pod, but very much larger. Early and prolific. Lb., 25c.

WARDWELL'S KIDNEY WAX—A second early long flat pod, nearly all stringless; a very desirable variety, good shipper. Lb., 25c.

GOLDEN WAX OR BUTTER—Yellow pods. stringless; early and fine quality; very desirable. Lb., 25c.

BLACK WAX—Prolific, round, yellow pods; stringless; earliest of wax varieties, superior for bean soup. Lb., 25c.

CRANBERRY OR HORTICULTURAL—A popular old variety; very productive; to be used either for snap shorts or dry shell beans. Lb., 25c.

MEXICAN LIMA, AZTEC, CALIFORNIA BUTTER—Are the different names to this very fine table bean. Try them this season. A large, white, oval-shaped bean, used in green state same as Limas, and considered very fine when dry; they require no poles, being a dwarf bush bean. Lb., 20c.

BURPEE'S IMPORTED DWARF, OR BUSH LIMA—A perfect bush form of true, luscious large lima bean; bushes grow from 18 to 20 inches high, of stout growth, yet branching vigorously; an immense yielder; the dry beans are larger than Henderson's Bush Lima. Lb., 30c.

BOUNTIFUL—A very early and productive green pod bean, pods about 7 inches long, semi-round, straight and stringless. Sixty days from planting to your table. Per lb., 25c.

BROAD WINDSOR—Should be planted in rows eighteen inches apart allowing one foot for each plant; fine as a green shell bean or dried and have an agreeable flavor and high nutritive value. Per lb., 20c.

NAVY—Colorado grown. \$6.00 per 100 lbs.

PINTO—Colorado grown. \$5.00 cwt.

Always include parcel post charges if sent by mail.

BEANS Pole or Running

EXTRA EARLY LIMA—This new Lima bean has all the good qualities of the Limas, but is much earlier which makes it a good acquisition to Colorado. Lb., 30c.

SCARLET RUNNER—Cultivated for the beauty of its flowers; also a useful vegetable. Lb., 40c.

KENTUCKY WONDER, OR OLD HOMESTEAD—This most popular variety is an improved large strain of Southern Prolific. Green pod. They are solid, meaty and stringless when young, and of fine quality. If pods are gathered before they mature the vines will continue to bear to the end of the season. Lb., 25c.

DUTCH CASE KNIFE—An early variety; large pods; very productive; good for shell beans. Lb., 25c.

CUT SHORT—Red speckled pole bean, green pod. This is the old corn-field bean. Lb., 20c.

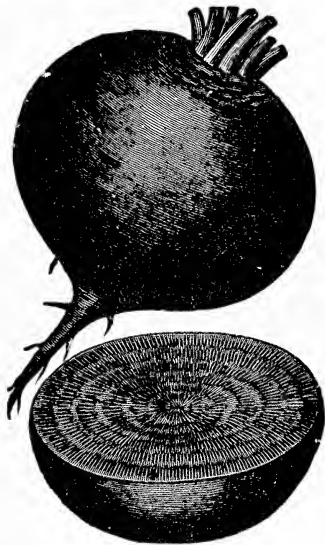
LAZY WIFE POLE—A round white seed, green pods, stringless; grows long pods in clusters. Lb., 20c.

BEETS

Beets require a rich soil. Sow in drills 14 to 16 inches apart, one inch in depth. thin to 4 or 5 inches. For early use, sow as soon as the ground can be worked in the spring.

CRIMSON GLOBE—A very popular variety among market gardeners; medium size, deep crimson flesh; a good main crop although grown for early. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

NEW ECLIPSE—An early variety; globe shape; small top; very sweet; flesh fine, dark blood color. Oz. 10c; $\frac{1}{4}$ lb. 25c; lb., 70c.



DETROIT DARK RED TURNIP—One of the most popular deep red turnip beets for market gardeners and home use. Tops small, upright growing, roots globular and smooth, flesh deep bright red. Very crisp and tender. Oz., 10c. $\frac{1}{4}$ lb., 25c; lb., 70c.

CROSBY'S IMPORTED EGYPTIAN—A very superior strain of blood-red Egyptian; not so flat as the ordinary Egyptian; form turnip-shaped beets in its early growth, thereby making it a very desirable variety for bunching; few small tops, very small root; of very fine quality. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c..

LONG BLOOD—A long red beet. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

SUGAR BEETS AND MANGEL WURZEL

FOR STOCK FEED

CULTURE—As all Mangels require a deep soil in order to grow well, plow and subsoil from a foot to 18 inches, and apply plenty of rich stable manure. Sow from April 10 to last of May, 4 or 5 pounds to the acre in rows 18 inches to 2 feet apart, and thin to 18 inches in rows. As soon as frost occurs, dig the crop. In order to be well preserved for gradual consumption during the winter, Mangel Wurzel should be heaped to a height of 4 to 6 feet on a dry, sloping situation, and covered lightly with straw, hay or corn stalks and enough soil to keep the covering from blowing off. As soon as this soil becomes frozen cover all about 8 to 10 inches deep with more soil. By following up this gradual process of covering, all danger of heating will be obviated and the roots will keep in perfect order.

MANGEL WURZEL, MAMMOTH LONG RED, one of the largest and best croppers.

GIANT STOCK FEEDING MANGEL WURZEL OR HALF MANGEL, HALF SUGAR BEET—This variety is grown more each year, is a good yielding stock beet and suitable for all kinds of stock, producing nearly as heavy a yield per acre as Mangel Wurzel.

MANGEL WURZEL, GOLDEN TANKARD — Valuable yellow fleshed variety, said to contain a large per cent of sugar; very productive; matures early, growing nearly all above the ground, is very easy to harvest.

MANGEL WURZEL, SLUDSTRUP—A new and very productive Mangel Wurzel. Grow about half out of the ground and taper from the middle to each end. Flesh slightly tinged with yellow. Tops green and comparatively small. Very easy to harvest. This variety has made 40 tons per acre on well prepared ground.

Price—	Lb.
Mammoth Long Red Mangel Wurzel	40c
Golden Tankard Mangel Wurzel.....	40c
Sludstrup	40c
Giant Stock Feeding Mangel.....	40c

We make special prices on large lots.



SWISS CHARD OR SEA KALE BEET

The leaves are used for greens, and the broad stems are used the same as Asparagus. It soon sprouts after cutting and gives several crops each season. Used quite extensively for poultry.

LARGE RIBBON (White). Oz., 15c.

GIANT LUCULLUS (New). Oz., 15c.

BROCCOLI

BROCCOLI belongs to the same family as cauliflower, more hardy and better adapted to a wide range of conditions. This vegetable has become very popular with shippers for an exacting eastern market.

ITALIAN GREEN OR CALABRESE—It forms a large head consisting of a cluster of bluish green flower heads which, when cut, forms branching sprouts on which there are small loose heads; cook same as cauliflower, the flavor is delicate and delicious. Oz., 25c.

BRUSSELS SPROUTS

Sow and cultivate same as cabbage. Transplant 1 foot apart in rows which should be 10 inches apart.

DANISH GIANT—Short stem. The very best and surest strain. Oz., 15c; ¼ lb., 50c.; lb., \$1.75.

CABBAGE

Cabbage will thrive on any good land. Plow deep and manure freely. The early varieties are sown in hot-beds in February; the late sorts in the month of April. Plant in rows about 20 inches apart, 2 feet between the rows. One ounce of seed produces 2,500 to 3,000 plants.

EARLY JERSEY WAKEFIELD—(True Seed)—The most popular and valuable early variety; sure to head; good size; pyramidal in shape. Oz. 25c; ¼ lb., 60c.

THE CHARLESTON, OR LARGE EARLY WAKEFIELD—The same shape and character as the Early Jersey Wakefield, but larger. Oz., 25c; ¼ lb., 60c.

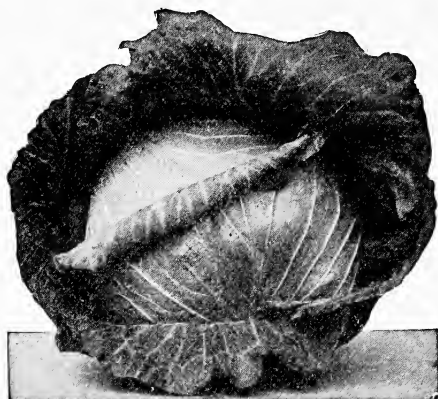


EARLY DUTCH FLAT—A first-class second early; round, flat variety. Oz., 25c; ¼ lb., 60c.

EARLIEST OF ALL—The earliest round headed cabbage. About a week earlier than Copenhagen Market. It produces a uniform crop, large round heads, green in color, fine in texture and flavor, an excellent shipping variety. Price, per Oz., 40c. ¼ lb., \$1.00.

HENDERSON'S EARLY SUMMER—The earliest large heading cabbage; growth very compact and a desirable sort. Oz., 30c; ¼ lb., \$1.00.

GOLDEN ACRE CABBAGE—Sometimes called Norseman, and very closely resembles the Copenhagen Market, but more fixed in type, growing very uniform, a little bit darker in color, heads usually maturing at the same time. Can be set closer together as there are very few leaves. Price, per Oz., 40c; ¼ lb., \$1.25.

CABBAGE—Continued

COPENHAGEN MARKET—A new extra early, round head cabbage, from Denmark. Short stem, head solid and large and of excellent quality. Matures very early and nearly all can be harvested at one time. Oz., 25c; $\frac{1}{4}$ lb., 60c.

ENKHUIZEN GLORY—A most valuable second early cabbage that is becoming quite popular. It produces fine, marketable heads as early as Early Summer, but round ball-like heads of fine leaf, not as coarse as Ball Head. Keeps well and can be used for fall and winter. Oz., 25c; $\frac{1}{4}$ lb., 60c.

PREMIUM FLAT DUTCH—A fine strain of Flat Dutch, extensively grown for fall and winter use. Oz., 25c; $\frac{1}{4}$ lb., 60c.

KISSEN—Dark red. Very valuable for pickling. Oz., 30c.

DANISH ROUND HEAD, OR SHORT STEM—A standard late variety, very solid and one of the best keepers. Can be set out closer and must be planted 10 to 20 days earlier than late Flat Dutch, as it takes longer to grow and mature. Oz., 25c; $\frac{1}{4}$ lb., 60c.

DANISH BALL HEAD, TALL STEM—The same as the Danish Round Head except the heads are grown on longer stems. Some large growers prefer this variety. Oz., 25c; $\frac{1}{4}$ lb., 60c.

SAVOY NETTED—This is the finest of the Savoy class; heads large, very solid and compact. Oz., 40c; $\frac{1}{4}$ lb., \$1.30.

We test our Garden Seeds and Field Seeds for germination before offering them for sale.

WINNIGSTADT—The reliable standard sort for market gardeners, pointed head of medium size. A rich green color and fine texture makes it very desirable for retail trade. Can be used for winter. Oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

CHINESE OR CELERY CABBAGE—Pe-tsai. This fine vegetable resembles Cos Lettuce. The head is large and compact, all but the outer leaves blanch a creamy white, very crisp and tender and in every way adapted for a home garden. Per Oz., 50c; $\frac{1}{4}$ lb., \$1.50.

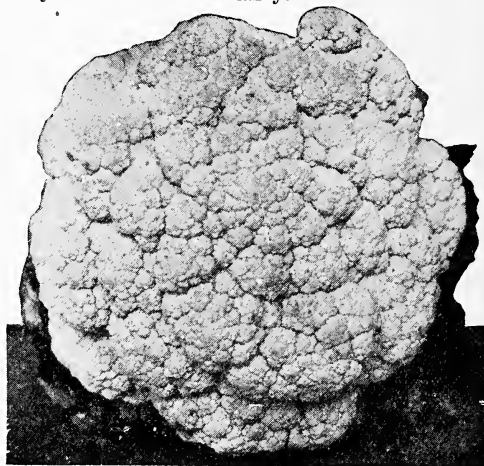
CAULIFLOWER

One ounce seed produces 1,500 to 2,000 plants.

Requires same treatment and culture as cabbage.

Our seed has proven the best grown by market gardeners near Pueblo, and they now order their seed in advance to be sure and get the right strain.

We import our Early Snowball Cauliflower seed direct from a Denmark grower, and know that the strain is the very best for this locality.



Early Snowball Cauliflower

EARLY SNOWBALL—The earliest; the surest header; the most profitable; the best variety for either the market or the family garden. Early Snowball Cauliflower is superior to all others for the reason that its growing, compact habits enables one-third more to be planted on the same space of ground than can be done with any other variety. It does equally well for late planting. Price, pkg., 25c; $\frac{1}{4}$ oz., 75c; oz. \$2.00.

HARTNER'S SELF-PROTECTING SNOWBALL—This strain of cauliflower is highly recommended, as it is early and a heavy yielder. It is of average size and very firm heads. Foliage very dense and overlaps the tender flowers protecting them from the hot sun and making it almost a sure crop. We highly recommend this to growers of cauliflower. Per Oz., \$2.50.

ERFURT—Extra early dwarf; plants dwarf and compact, forming good size heads. Pkg., 25c; $\frac{1}{4}$ oz., 75c; oz., \$2.25.

We prepay postage on all Garden and Flower Seeds, except Peas, Beans and Corn.

CARROTS

Sow in early spring in rows from 10 to 15 inches apart. Carrots require rich, deep, mellow soil. Thin to about 4 inches apart. Sow $2\frac{1}{2}$ pounds of seed to the acre.

Carrots are one of the best root crops to feed horses and cattle, especially growing colts.

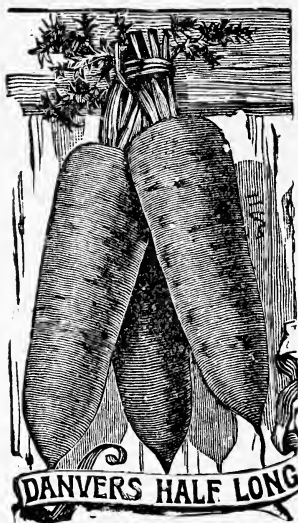
GUERANDE, OR OX HEART—A new French carrot. It is intermediate between the half-long and long varieties; of most beautiful shape and color. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

CHANTENAY—Very productive. Medium early and of excellent quality. Deep orange red in color. One of the best in quality for home market or garden. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 80c.

CHANTENAY NEW CORELESS—Comparatively a new variety, same characteristics as Chantenay with exception of absolutely no core or woody heart, with a rich red orange color throughout. Oz., 10c; $\frac{1}{4}$ lb., 40c; 1 lb., 80c.

IMPORTED LONG ORANGE—The standard field carrot. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

While we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, expressed or implied. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.



EARLY HALF-LONG DANVERS—One of the most productive and one of the best for field culture; sweet and tender. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

Intermediate. Oz., 10c. $\frac{1}{4}$ lb., 30c; lb., 80c.

WHITE BELGIAN—When young the roots are mild and delicate, and when full grown are valuable for stock. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 70c.

NANTES STUMP ROOT—Half long, blunt end and very small tap root; very little core, flesh orange color and fine for table use on account of flavor. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c;

CRESS OR PEPPER GRASS

A well known pungent salad. Requires to be sown thickly and covered lightly at frequent intervals to keep up a succession, as it runs to seed.

EXTRA CURLED—Very fine; may be cut two or three times. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

CRESS—WATER

This is a well known, hardy perennial aquatic plant, grown along the margin of running streams, ditches and ponds. Sow along water edge, and when once started will increase by spreading of roots and seeding. It has pleasant pungent taste. Used mostly for greens. Oz., 50c.

CHICORY

LARGE ROOTED—The leaves are used for salads, and dried roots of this variety are used as a substitute for coffee. Oz., 15c; $\frac{1}{4}$ lb., 50c.

CHERVIL

Cultivate and use the curly variety of Chervil like Parsley. Sow in early spring in drills one foot apart.

CURLED—Leaves used for flavoring and garnishing. Per oz., 10c.

CELERY

Celery is grown in abundance in and around Pueblo, and without contradiction the best celery that is grown. For late and winter use, Golden Self Blanching and Pascal Celery are the varieties grown for shipping.

Sow seeds in hot-bed; transplant 4 inches apart when 3 inches high, in finely pulverized soil; water and protect until well rooted, then transplant into rows 5 or 6 feet apart either on surface or in well manured trenches a foot in depth; set the plants from 6 to 8 inches apart.

To blanch, draw the earth around the plants from time to time, taking care not to cover top of center shoots.

For late planting, the seed should be sown in open ground, in beds, with rows about 6 inches apart.

One ounce of seed produces 10,000 plants. 4 ounces enough plants for one acre.



WHITE PLUME CELERY—The earliest, handsomest and easiest grown, and undoubtedly the earliest celery grown in Colorado. Oz., 30c; $\frac{1}{4}$ lb., \$1.00.

A M E R I C A N G R O W N G I A N T P A S C A L—Price, oz. 20c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.25.

G I A N T P A S C A L (French)—Without any exception, this is the sweetest and best flavored celery grown. On account of its fine keeping qualities, it is considered the best winter variety. The plants are usually started early in cold frames, and transplanted in the trenches about June 10th to 20th. Price, oz., 30c; per lb., \$2.50.



Golden Self Blanching Celery

GOLDEN SELF-BLANCHING—Similar to the White Plume in its self-blanching characteristics; very solid and of a rich, nutty flavor; plants of yellowish green color; as they mature the inner stems and leaves turn a beautiful yellow. Grown for both early and late use. Oz., \$1.00; $\frac{1}{4}$ lb., \$3.50. Our Golden Self-Blanching Celery Seed is French grown.

JERSEY GOLDEN PLUME (New)—Of the finest without strings, sweet, succulent, crisp and tender, solid, rapid growing heart; does not grow hollow. All good eating, even the leaves. Brings highest price on the market. The best self blanching yet produced here. Price, per oz., \$1.50.

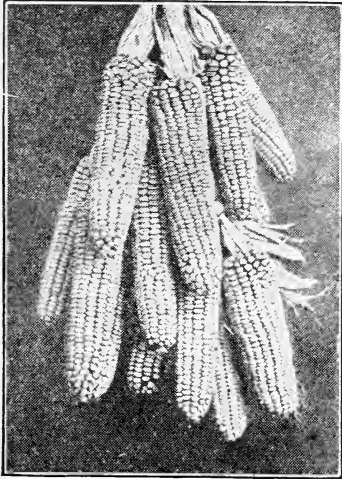
EASY BLANCHING—A new variety of great merit, dwarf and compact with light green foliage. It is a second early, a first rate keeper with thick, solid stalks of extra fine quality; pure white, heavy and crisp. Oz., 35c; $\frac{1}{4}$ lb., \$1.15.

LARGE PAIGUE CELERIAC, OR TURNIP ROOTED—The root of which is turnip-shaped; is cooked or sliced and used with vinegar; more hardy than celery. Oz., 25c.

CORN

Drop in hills 3 feet apart, and leave 4 plants to the hill. Plant at intervals from early spring to midsummer. Crop short on many varieties.

Eight pounds to an acre. If sent by mail, parcel post rates.



WHITE COB CORN—The earliest sweet corn grown; ears of fair size; very sweet; it matures for table use in 52 days. Try it. Lb., 20c.

GOLDEN BANTAM—Produces ears measuring from 5 inches to 7 inches long; a deliciously sweet flavor and very tender corn when cooked. It is a very fine variety for home gardens. Lb., 20c.

EARLY ADAMS—A very early market variety; ears good size, but short. Lb., 15c.

BANTAM EVERGREEN—Golden Bantam crossed with Stowell's Evergreen. In size, not so small as Golden Bantam and not as large as Stowell's Evergreen, but has the good eating qualities of both. Lb., 30c.

COUNTRY GENTLEMAN—A very sweet corn, medium late, very productive, small cob, kernel shoe-peg shape; retains its delicate tenderness and flavor even when a little old. Lb., 25c.

STOWELL'S EVERGREEN—Hardy and productive; very tender and sugary, remaining a long time in condition for boiling; our strain is the best. Lb., 25c.

GOLDEN SUNSHINE—A very early sweet corn a few days ahead of Golden Bantam, ears about the same size and very sweet. Per lb., 20c.

BLACK MEXICAN—One of the sweetest varieties, color when in roasting ear white tinged with purple, getting darker with age. Price, per lb., 20c.

CORN SALAD

BROAD LEAVED—Oz., 10c; $\frac{1}{4}$ lb., 25c.

CUCUMBERS

Drop in hills 4 to 6 feet apart, as soon as the weather becomes settled and warm; scatter 8 or 10 seeds to the hill; cover half an inch deep, pat down with hoe.

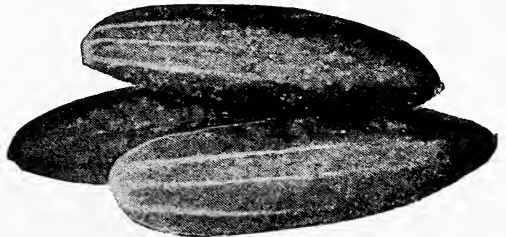
One ounce of seed will plant about 50 hills.

EARLY FORTUNE—This is a new early cucumber, good size. Actually proven by many expert growers to be the earliest and best Dark Green White Spine Cucumber on earth. Wonderfully productive; a model in shape. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., \$1.00.

FORDHOOK FAMOUS—One of the largest and most fleshy and fine flavored White Spine type. Oz., 10c; $\frac{1}{4}$ lb., \$30c; lb., \$1.00.

DAVIS PERFECT—A new variety; large, even fruit of fine form; dark, rich green skin; very few seeds, and solid white flesh. A good bearer. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

ARLINGTON WHITE SPINE—For market use this variety is much superior to the old White Spine. Oz., 10c. $\frac{1}{4}$ lb., 30c; lb., \$1.00.



LONG GREEN—Old standard variety; firm and crisp; for general family use, there is no better. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

CUCUMBERS—Continued

GREEN PROLIFIC (Pickling)—As a pickling variety is unsurpassed; its characteristics are uniform growth, hardy, ever-producing cucumbers, not too large for pickling; very productive. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



BOSTON PICKLING (Pickling)—A very productive kind of superior quality; largely grown by market gardeners about Boston. Oz., 10c; $\frac{1}{4}$ lb., 30c. lb., \$1.00.

SNOW PICKLING—A selection from Chicago pickling and preferred by many. It is one of the most prolific of the pickling cucumbers. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

JAPANESE CLIMBING CUCUMBERS—This new cucumber is a strong and vigorous grower; the young plants are bushy; when established may be grown on fence or trellis, thus saving space. Oz., 15c.

EGG PLANT

Sow in hot-beds very early in spring and transplant to 2 or 3 feet apart in rich, warm soil. One ounce seed produces about 1,000 plants.

BLACK BEAUTY—Fruit jet black; round and very solid, quite early, and a very fine variety. $\frac{1}{4}$ oz., 20c; $\frac{1}{2}$ oz., 25c; oz., 40c.



NEW YORK IMPROVED PURPLE—The best variety in cultivation; early; a sure cropper and of fine quality. $\frac{1}{4}$ oz., 20c; $\frac{1}{2}$ oz., 25c. oz., 40c.

ENDIVE

One ounce seed for 150 feet drill.

WHITE CURLED—Not only useful as a salad but is highly ornamental from its delicate cut and colored leaves; it is much used for garnishing. Oz., 15c; $\frac{1}{4}$ lb., 50c.

BROAD LEAVED BATAVIA—Chiefly used in soups and stews; required to be tied up for blanching. Oz., 15c; $\frac{1}{4}$ lb., 50c.

KALE

Sow and cultivate same as cabbage.

GREEN CURLED SCOTCH—A very popular variety; very hardy; improved by frost. Oz., 15c; $\frac{1}{4}$ lb., 50c.

KOHL RABI



A vegetable intermediate between the cabbage and the turnip. Cultivate same as cabbage.

One ounce of seed will make about 2,000 plants.

EARLY WHITE VIENNA — Is a greenish white outside; flesh white and tender while young; the best condition for use is when the bulbs are 3 or 4 inches in diameter. Oz., 20c. $\frac{1}{4}$ lb., 75c.

LEEK

LARGE ROUEN—A large and excellent variety. Price, oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

LETTUCE

Sow in rows about 12 inches apart, thin to 8 or 10 inches if you wish it to head. The more rapid the growth the better the quality.

One ounce seed for 100 square feet or 120 feet of drill.

BLACK SEEDED SIMPSON—One of the very best that is grown, used extensively for forcing under glass, a light green; a standard among the market gardeners. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



GRAND RAPIDS—This is the best forcing variety, originating near Grand Rapids, Mich., and it has proved in this vicinity the very best ever grown under glass; it is handsome in appearance; a very strong grower, not so liable to rot as the Black Seeded Simpson; it will keep from wilting after cutting longer than any other variety, thus making it a good shipper. Oz., 10c; $\frac{1}{4}$ lb., 50c; lb., \$1.00.

HANSON—Heads very large, solid, and crisp, and of fine flavor; free from bitter taste; light green, almost white. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb. \$1.00.

BIG BOSTON—One of the best heading lettuce for general crop; fine quality and flavor; good shipper. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

While we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, expressed or implied. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.



WONDERFUL, OR NEW YORK—This is the leading variety of head lettuce grown in the Hard Scrabble district and shipped in car lots to the Eastern markets. A very prolific lettuce. heads of immense size, and closely folded; inner leaves well blanched, outer leaves deep, rich green. Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

PRIZE HEAD—A fine variety; forms mammoth heads; very hardy; good for home use. The color is rich brown; very tender. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

NEW YORK WONDERFUL NO. 12—An improved strain of Wonderful, making a large flat, solid head, uniform in maturing and very early. Oz., 25c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.00.

TRIANON COS

(Self-closing) — The Cos lettuces are quite distinct, and are popular on account of their tender, crisp leaves and delicious flavor. The leaves are long and narrow, and need to be tied up to bleach white. Oz., 10c; $\frac{1}{4}$ lb., 30c.



We prepay postage on all garden and flower seeds, except peas, beans and corn.

MUSKMELONS

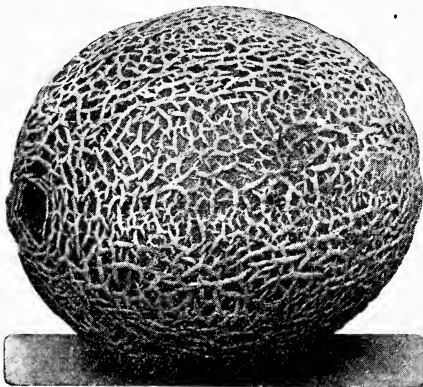
Should have a warm, light soil. Drop a dozen seeds in a hill 5 or 6 feet apart, thin to 4 or 5 plants to a hill, when out of danger from insects. One ounce of seed to about 60 hills.

HALE'S BEST—Originated in the Imperial Valley in California, salmon flesh of exceptional thickness, shape is oval with heavy netting and fairly prominent ridge. Its chief value, so far, is its earliness, about 70 days. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EDEN GEM—Is a type of green fleshed Rocky Ford, the shape is round and very uniform in size, the netting is very heavy, completely covering the melon. Flesh is very thick, while the vine is rust resisting, producing a good crop of uniform fruit. About 87 days. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EARLY WATERS—An early type of the green fleshed Rocky Ford cantaloupe; flesh is rather thin, shape is round, and ridge almost invisible, while the netting is very heavy—about 87 days. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

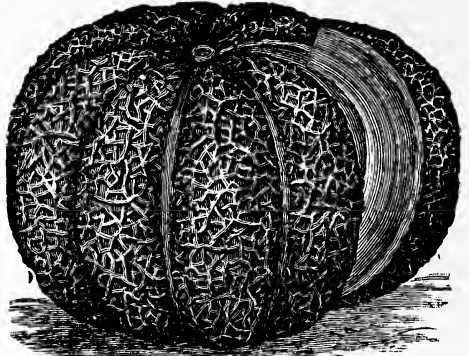
HACKENSACK—A very large green fleshed melon, quite flat in shape, with very prominent ribs and heavy netting. The flesh is remarkably thick, sweet and spicy. While a little late in maturing, this melon is widely used. About 94 days. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



POLLOCK 10-25—It is the same as the Rocky Ford, except that the flesh is salmon tinted, instead of green, the fruits are extremely uniform, heavily netted, with no trace of ribs. The vines are rust resistant. It is second early and a good shipper—about 96 days. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

HEARTS OF GOLD—An improvement from Hoodoo, this melon runs very uniform in size. It is a splendid shipping variety and is increasing in use; seed cavity is remarkably small, pink flesh and moderate amount of netting, with fairly distinct ribs; 98 days. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

LONG YELLOW—A long melon, large and with pink flesh. Heavily netted and ribbed, is exceptionally sweet and spicy, has no keeping qualities—must be consumed soon after picking; 94 days. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



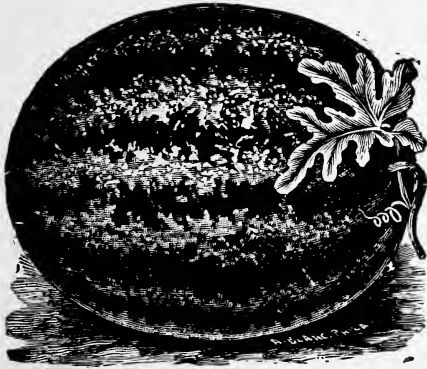
MONTREAL MARKET—An extremely large, green fleshed variety with very deep ribs and heavy netting. This melon is a standard good quality kind, it is roundish in shape and the vines are very prolific. Very often weighs 12 lbs. each; 94 days. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

HONEY BALL—Cross between Honey Dew and Cannon Ball, perfectly round, covered with netting. The flesh is greenish, seed cavity exceedingly small and edible to the very rind. While very sweet, yet there is some of the spicyness of the green fleshed cantaloupes; 100 days. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

HONEY DEW—The shape of the Honey Dew is almost perfectly round, the skin smooth and a light cream in color. When immature the skin is white, changing to a light cream as it approaches maturity. The flesh is green, and properly stored, it will remain edible for months; 100 days. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

CASABA (GOLDEN BEAUTY)—This variety has a beautiful golden color, when matured, with a wrinkled skin. The size is somewhat smaller than the Honey Dew, with a white flesh very sweet and spicy. They are most luscious. 105 days. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

WATERMELONS



Plant same as Muskmelons; cover one inch deep.

One ounce seed plants 20 to 30 hills.

ANGELINO (Black Seed)—Is a very attractive melon, dark green skin, striped darker green. The flesh is a sparkling scarlet. Fine for eating and a good shipper. Weight about twenty pounds. Edible 90 days. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

KLECKLEY'S SWEET WATERMELON—This is without doubt one of the very best melons of recent introduction. Shaped very much like the Rocky Ford, but a larger melon; the skin is a very dark green; flesh bright red; rind very thin and hard, making it a good shipper. A fine grained melon and solid to the core. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

ROCKY FORD WATERMELON—One of the very best melons for home and nearby markets. When known it is taken in preference to all others. It is an oblong melon of good size, green skin, bright red flesh and white seeds. We have the very best of this variety. Price, oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c. Postpaid.

TOM WATSON — A large, oblong melon, skin deep green; this rind is thin but tough; flesh bright, attractive red color, of a delicious sweet flavor; a good shipper, and for home use it is hard to beat. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

HALBERT HONEY—A medium early home market melon, second only to Kleckley Sweet in popularity for home gardens and market use. Seeds are white with black tips, a long melon; the rind is deep green with fine veins. Edible in about 87 days. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

TRIUMPH—Among the largest melons grown, nearly round in shape, with dark green rind, seeds are black. It is a good melon for shipping, weighs from 30 to 40 lbs.; 98 days. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

ICE CREAM—Medium size, skin pale green; flesh solid, scarlet color; crisp and delicious. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

FLORIDA FAVORITE — Oblong in shape, growing to a very large size; rind with light green stripes; flesh light crimson, crisp and deliciously sweet, earlier than Kolb's Gem or Rattlesnake. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 70c.

EXCEL—A new variety, black seeded melon; large size; good shipper; dark green; very popular in the South. Oz. 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

IRISH GRAY—This melon was tried out in the Arkansas Valley Melon District, and a few prefer it to all others. The rind is very tough, making it a good shipper and keeper. The color is a distinct mottled greenish gray; flesh red, sweet and crisp; shaped like the Tom Watson. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

WINTER WATERMELON — This is one of the best watermelons for late fall and winter use. Nearly round in shape, light skin. pink center; black seed; very hardy; ripens in about 120 days. This is a good keeper but must be handled so as not to bruise the skin. Package, 10c; oz., 25c.

CITRON — For preserving. small, round; flesh white. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

MUSTARD

Sow in drills one foot apart; cover $\frac{1}{2}$ inch deep. Use for salads.

OSTRICH PLUME — Leaves curled and frilled like an ostrich plume. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

SOUTHERN GIANT CURLED — A large, early curled variety and extensively grown in the South for greens. Oz., 10c; $\frac{1}{4}$ lb., 20c. lb., 60c.

OKRA

Sow in rows 2 feet apart; thin plants to 1 foot. The pods are used in soup, being gathered when young.

DWARF GREEN — Early and very productive; pods smooth. Oz., 10c; $\frac{1}{4}$ lb., 25c.

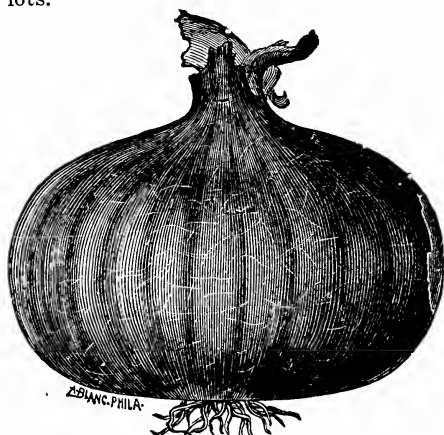
WHITE VELVET — The pods are round and smooth and much larger than any other variety; very productive. Oz., 10c; $\frac{1}{4}$ lb., 25c.

ONIONS

Onions thrive best in rather deep, rich, loamy soil, and succeed well when cultivated on the same ground for successive years. Plow not over 5 inches deep and work well with the cultivator; see that the ground is well pulverized, sow the seed in drills about 14 inches apart; keep the surface on the ground open and free from weeds by frequent hoeing; do not stir the soil too deep, or collect it around the growing bulbs.

Sow 3 to 5 pounds to the acre in drills.

Special prices on Yellow Globe Danvers and Prize-Takers, in 5 and 10-pound lots.



OHIO YELLOW GLOBE—This variety is without doubt the very best onion to grow for a main crop; they are good keepers, always saleable, and have proven far more profitable than any other variety in this section. It is a globe shape, and for that reason it is far more productive than the flat varieties. Oz., 25c. ¼ lb., 75c; lb., \$1.75.

DANVERS (MOUNTAIN). A yellow globe onion, very productive, and an excellent keeper. Oz., 20c; ¼ lb., 60c; lb., \$1.75.

EARLY RED GLOBE—A handsome red, globular shape onion, and a good keeper. Oz., 25c; ¼ lb., 75c; lb., \$1.75.

CRYSTAL WHITE WAX (Imported Seed)—This is a Spanish variety, the true type is a clear white, medium large and early. The skin is thin and the flesh white, and very mild in flavor. Oz., 35c.

We prepay postage on all garden and flower seeds, except peas, beans and corn.

RIVERSIDE SWEET SPANISH—Is the largest, sweetest, best keeping and most uniform of the Spanish Onions. We believe no better strain is grown than this one we offer. Oz., 25c; ¼ lb., \$1.00; lb., \$3.50.

WHITE VALENCIA — American grown. Per lb., \$3.00.

BARLETTA — A small early white onion, used for bunching. Grown more for pickling than any other variety. Oz., 30c; ¼ lb., 75c; lb., \$2.00.

NEW QUEEN—A very early white, flat variety; can be grown in higher altitude from seed than any other variety. When sown thick makes a good size pickling onion. Oz., 40c; ¼ lb., \$1.00; lb., \$2.00.

SOUTHPORT WHITE GLOBE—Is a white, globe-shaped onion; produces well; is a good seller, not so good a keeper as the Danvers. Oz., 25c; ¼ lb., 60c; lb., \$1.75.

WHITE PORTUGAL, OR SILVER SKIN—It is early; bulb flat, but thick through; thin white skin; mild flavor. Oz., 20c; ¼ lb., 60c; lb., \$1.75.

RED WEATHERSFIELD—The old standard sort; large size; deep red; thick, approaching to round shape; fine grain and productive. Oz., 25c; ¼ lb., 50c; lb., \$1.75.

AUSTRALIAN BROWN — This new onion has been thoroughly tried in this locality and proven the best early, long keeping onion grown; the outside skin is a deep amber brown; extremely hard and firm, fine flavor. Oz., 20c; ¼ lb., 75c; lb., \$1.50.

AILS CRAIG—Another Spanish Onion, more globe shaped than Denia; grown successfully by our market gardeners around Pueblo. Oz., 25c; ¼ lb., 75c; lb., \$1.75.

MAMMOTH SILVER KING—A large, early maturing onion. Skin and flesh white, mild and pleasing flavor. Oz., 20c; ¼ lb., 75c; lb., \$2.00.

While we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, expressed or implied. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.



PRIZE-TAKER—This is the early money-maker in this locality. Sow early in hot-beds and transplant to the open ground as soon as the soil will permit. Our seed of this well established variety of onion is of the best. The onion is very large, straw color, and globe shape. Oz., 20c; $\frac{1}{4}$ lb., 75c; lb., \$1.75.

DENIA—The largest and mildest flavored of the Spanish type; nearly globe shaped; is heaviest yielding, best selling onion of the large type. Oz., 20c; $\frac{1}{4}$ lb., 75c; lb., \$2.00.

WHITE LISBON—Sown for bunch onions; grows a long white onion, very mild; the best for table. Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

ONION SETS are planted earlier in the spring to produce an onion earlier than from seed. One pound of onion sets will plant a row 50 to 60 feet long. Quote you red bottom sets, per lb., 40c; white bottom sets, per lb., 40c; yellow bottom sets, per lb., 40c; delivered to first and second zone. Special prices on larger quantities.

BERMUDA ONION PLANTS—We have grown them the last two years and they are fine. Set them in rows six inches apart and the rows about eighteen inches. They are large, mild, sweet and good keepers. The plants are in bunches at 25c. Special prices per thousand. First shipment about March 15th.

PARSLEY

Sow early in spring, after soaking a few hours. Sow in rows one foot apart. One ounce seed will sow 150-foot drill.

EXTRA CURLED—Finely curled variety. Oz., 10c; $\frac{1}{4}$ lb., 25c.

CHAMPION MOSS—Curled; elegant for garnishing. Oz., 10c; $\frac{1}{4}$ lb., 25c.

HAMBURG OR PARSNIP ROOTED—Grown for the root which resembles the parsnip in shape and color, although smaller. Oz., 10c; $\frac{1}{4}$ lb., 25c.

PEAS

For early peas, sow as soon as the ground can be worked, in a warm place. Manure the ground well, and plant in double rows about 2 to 3 feet apart; they should be kept clean and earthed up twice during their growth.

One pound will sow 50 feet of drill.

AMERICAN WONDER—A dwarf, sugar pea; fine for private gardens. Lb., 25c.

LITTLE MARVEL—An extra fine type sugar pea, a very fine variety of either private or market gardening. Height, 14 inches, pods dark green and 3 inches long. Averages 7 peas to the pod. Per lb., 25c.

IMPROVED STRATAGEM—A large pod; second early; withstands the summer heat better than most varieties; a good shipper. Lb., 25c; 10 lbs., \$2.00.

SUTTON EXCELSIOR—A very sweet small pod variety, vines taller than American Wonder and yields fine for home garden. Lb., 25c.

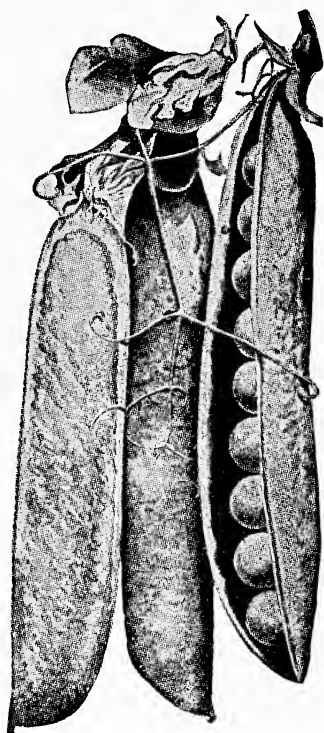
CHAMPION OF ENGLAND—One of the best and most popular peas in cultivation; tall; needs bushing. Lb., 25c.



ALASKA—One of the earlier garden peas, suitable for home garden and market; a good shipper. Lb., 20c.

IMPROVED DWARF TELEPHONE—One of the early dwarf peas; pods large and well filled; dark green, and a good shipper. Lb., 25c.

DWARF FRENCH SUGAR (Edible Pods)—Can be cooked in the pods or shelled. Lb., 25c.



LAXTONIAN — The largest podded variety, resembling very much the Gradus. The pods are well filled with large peas of exquisite flavor. **Lb., 25c.**

EVERBEARING — A large variety; vines grow from 18 to 25 inches in height; foliage large, so should not be planted too thick for a continuance of bearing; this pea cannot be excelled. **Lb., 25c.**

GRADUS OR PROSPERITY — This popular, large podded, wrinkled pea, of the finest quality, should be grown by all. It is a good market garden variety and a fine pea for home gardens; strong, heavy vines, large pods from 4 to 5 inches long; nearly round, and well filled with very handsome peas of finest flavor. **Lb., 25c.**

COLORADO FIELD — The variety that is sown for sheep and hog pastures. **\$5.00 per 100 lbs.**

Special prices on garden peas to market gardeners, in 50-lb. lots.

Be sure to include postal charges with order for peas if sent by mail.

PARSNIPS

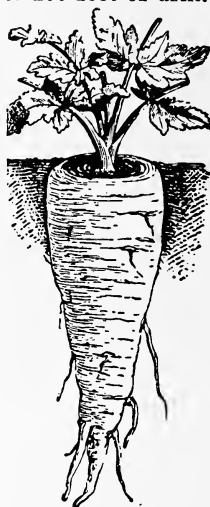
Cultivate the ground deep, and sow in early spring, in drills 15 inches apart; thin to 5 or 8 inches.

It is a good plan to sow turnip shaped or round radish seed in the same row with parsnips. The radish helps to loosen up the soil and helps the parsnip seed germinate and break through the ground.

One ounce of seed to 200 feet of drill.

HOLLOW CROWN

—A good cropper. tender and sweet; considered the best for general cultivation; considered superior to all others. **Oz., 10c; ¼ lb., 25c; lb., 65c.**



IMPROVED GUERNSEY — Root not quite so long as Hollow Crown, but are of greater diameter and more easily gathered; roots are smooth and fine grained. **Oz., 10c; ¼ lb., 25c; lb., 65c.**

PUMPKINS

Cultivate the same as squash.

One ounce of seed to 15 hills.

CONNECTICUT FIELD — Large yellow variety, hard shell; excellent for field culture; stock pumpkin. **Oz., 10c; ¼ lb., 30c; lb. 75c.**

CASHAW — A popular crook-neck variety; green striped; tender and fine flavor. **Oz., 10c; ¼ lb., 30c; lb. \$1.00.**

SUGAR — Smaller than field; fine grained and sweeter; very prolific, fine for table use. **Oz., 10c. ¼ lb., 30c; lb., 75c.**

LARGE CHEESE — One of the best varieties for cooking. **Oz., 10c; ¼ lb., 30c; lb., 75c.**

MAMMOTH — Grows to an enormous size; finest flavor; grown extensively for stock feed. **Oz. 15c; ¼ lb., 45c; lb., \$1.50.**

JAPANESE — A very popular pie pumpkin. **Oz., 10c; ¼ lb., 45c; lb., \$1.25.**

WINTER LUXURY — The fruits are of medium size, nearly round; thick meat, flesh light yellow, skin golden with gray netting; excellent for pies. **Oz., 15c. ¼ lb., 35c; lb., \$1.25.**

PEPPERS

Should be started in a cold frame or hot-bed; transplant when 3 inches high, 1 foot apart, in rows 20 inches apart. One ounce of seed for about 1,500 plants.



CAYENNE—Long; red, hot and pungent; dwarf. $\frac{1}{4}$ oz., 15c; $\frac{1}{2}$ oz., 25c; oz., 40c.

SQUASH—A tomato shaped pepper; very hot. Oz., 40c.

PIMENTO, OR PERFECTION PEPPER—A new, sweet pepper; flesh quite thick; not as large as Ruby King. Smooth, oblong, bright red pepper; very desirable for salads and pickles. Oz., 60c.

RED CHILI — A late variety, the bright red pods are about 2 inches long, tapering to a sharp point. Exceedingly pungent when ripe. Oz., 40c.

NEW CHINESE GIANT RED PEPPER—This is the largest and finest, mild red pepper. It is early in ripening and very productive. The plants are vigorous in growth but stalky habit, seldom growing more than 2 feet high. $\frac{1}{2}$ oz., 40c; oz., 65c.

RED CHERRY—A small, hot cherry shaped pepper; very prolific. Oz., 40c.

CALIFORNIA WONDER—Resembles the Chinese Giant, its outstanding feature is the thickness of its sweet, crisp flesh. In color a brilliant dark green, changing to crimson when ripe, ideal for stuffing and salads. Oz., 75c; $\frac{1}{4}$ lb., \$2.50.



RUBY KING—Grows to a very large size; the fruits are 6 to 7 inches long by 5 inches through; of a bright red color; very productive; mild and pleasant in flavor. $\frac{1}{4}$ oz., 15c; $\frac{1}{2}$ oz., 25c; oz. 40c.

RUBY GIANT — Somewhat larger than Ruby King and very early. Flesh deep scarlet. Thick, sweet and mild. Very productive. Oz., 40c.

RADISHES

Soil for radishes should be light, rich and mellow, as their tender and mild qualities depend upon their rapid growth. Sow as early as the ground can be worked, at intervals of 10 to 12 days for a succession. The winter varieties should be sown in August and lifted before frost and stored in the cellar.

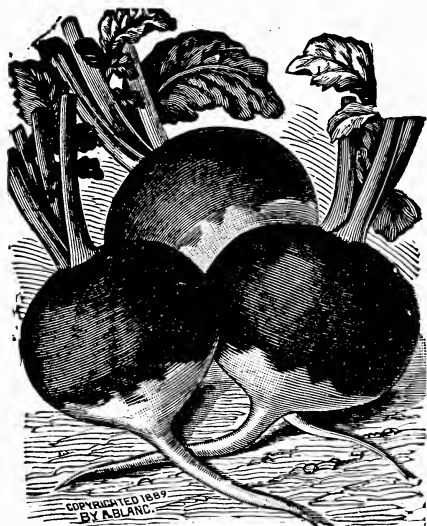
One ounce of seed for 100-foot drill.

BRIGHTEST SCARLET—A long scarlet radish—an improvement over the old long scarlet short top; a better color, and fine texture. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

CRIMSON GIANT—An early, large variety. a beautiful crimson carmine; turnip-shaped, flesh firm, crisp and tender. Oz. 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

WHITE STRASBURG—A very large, white, crisp, summer radish. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

RADISHES—Continued



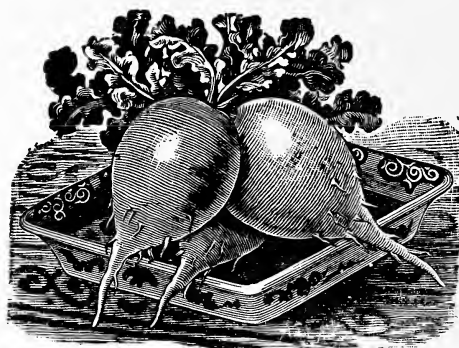
EARLY SCARLET TURNIP, WHITE TIP—Same as Early Scarlet turnip, but white at the tip, making it a show variety. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

EARLY ROUND DARK RED—Some use this variety for forcing, as its name implies it is a very desirable variety for a round radish; making a very attractive bunch. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

CINCINNATI MARKET—Grows straight and smooth; 6 to 7 inches long. This radish has been grown by Cincinnati, Ohio, gardeners for the past 30 years, and is considered far superior to Long Scarlet Short Top. It is an attractive scarlet color; skin is very thin, flesh is crisp, brittle and of delightful flavor; the finest long radish for forcing under glass. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

ICICLE—One of the best long white. A rapid grower. The radishes are long, straight, pure white and about the same size nearly the whole length. Some earlier than White Vienna or Lady Finger. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 60c.

EARLY SCARLET GLOBE—The roots of this variety are of slightly olive shape and rich bright scarlet in color; flesh white and tender, fit to pull very early, and much larger than Dark Round Red and Early Scarlet Turnip; white tip when matured. One of the best for market gardens. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 60c.



OLIVE-SHAPED SCARLET—Of medium size, of rich brilliant color. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

LONG WHITE VIENNA—This radish is the finest long white radish grown; skin and flesh are pure white; brittle, crisp and of rapid growth. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 60c.

FRENCH BREAKFAST—A variety of quick growth; mild and tender; good for forcing. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 60c.

WHITE CHINESE—One of the best winter radishes; stump rooted, solid, crisp and of a mild flavor. Oz., 15c; $\frac{1}{4}$ lb., 40c.

EARLY SCARLET TURNIP (Forcing)—The very best. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., 75c.

BLACK SPANISH (Long Winter)—One of the hardest and best for winter use. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 60c.

BLACK SPANISH (Round Winter)—This is a very desirable winter variety. Large, round and fine flavor. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 60c.

SAXA—A new variety for this locality. Scarlet color, perfectly round and having a small top and tap root. Under ordinary conditions can be gathered 21 days from time of seeding. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

CHINA ROSE (Winter)—Grows large and tender; is becoming a popular variety; half long, very smooth, firm and tender and of fine flavor. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 60c.

Flowering Peas are easily grown. We have the best assortment of colors. Our customers say the finest they have ever grown. Large blooms, long stems.

RHUBARB

Sow in March, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high; in fall transplant to about 3 feet apart each way. The large roots are easily forced if packed closely under the table of a greenhouse or warm cellar, as no light is necessary for the development of the stalk.

LINNEAUS — Standard variety, tender and juicy. Oz. 15c.

VICTORIA — Later than Linneaus; very large. Oz. 15c; $\frac{1}{4}$ lb., 50c.

Always include parcel post charges if sent by mail.

SALSIFY OR OYSTER PLANT

Sow in rich soil early in spring, in drills 14 inches apart; the roots will be ready in October, and can be left in the ground until spring. One ounce seed for 50-foot drill.

MAMMOTH SANDWICH ISLAND — A new and larger growing variety than the old sort. Oz., 20c. $\frac{1}{4}$ lb., 60c.

SPINACH

For summer use sow early in the spring in drills 8 inches to 1 foot apart; cover the seed 1 inch. For very early spring use, sow in August or September; cover lightly with straw.

One ounce seed will sow 50 feet of drill.



PRICKLY SEEDED — This variety thrives best in the coldest weather and is the money-maker for the market gardener. Leaves are large, fleshy and very tender. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 35c.

THICK LEAVED VIROFLAY — This is very large and thick leaved, good for fall or spring sowing. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 35c.

BLOOMSDALE — A thick, savoy leaved variety, very popular in some localities. An early variety. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 35c.

SQUASH

Sow about the middle of spring in hills; the early sort about 4 feet apart, and the late varieties 6 to 8 feet; drop enough seeds to be thinned to 3 plants in a hill.

One ounce seed to 15 hills for large varieties.

One ounce seed to 40 hills for bush varieties.



EARLY WHITE BUSH OR WHITE PATTY PAN — Light cream color; flat and scalloped shaped. Oz., 15c; $\frac{1}{4}$ lb. 40c.

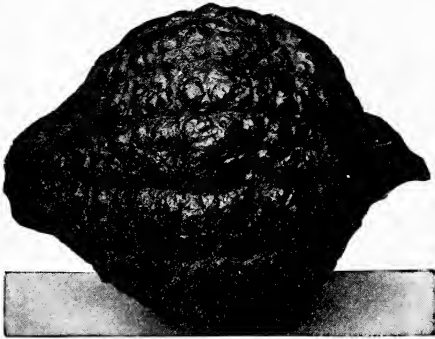
GOLDEN BUSH — A fine early summer sort; yellow, fine flavored. Oz., 10c; $\frac{1}{4}$ lb., \$30.

SUMMER CROOKNECK — Very productive. small crookneck; yellow color; shell very hard when ripe. Oz., 10c. $\frac{1}{4}$ lb., 30c.

MAMMOTH CHILI — Grows to an immense size, excellent for all purposes. Oz., 15c; $\frac{1}{4}$ lb., 40c.

FORDHOOK — A strong and rapid grower; earlier in ripening than any other winter squash; the color is bright yellow outside and straw color within; the skin is very thin, meat thick, and seed cavity small; this variety is very productive and one of the best keepers. Oz., 15c; $\frac{1}{4}$ lb., 40c.

BOSTON MARROW—One of the very best for fall and winter use; form ovate pointed; rind, bright orange; flesh is deep orange; fine grained; excellent flavor. Oz., 15c; ¼ lb., 40c.



HUBBARD—Leading squash for fall and winter use; hard skinned; splendid keeper; flesh dark yellow; fine grained; dry, sweet and rich. Oz., 20c; ¼ lb., 50c.

HUBBARD (Chicago Warded) — A very rough, dark skinned variety of the Hubbard. Oz., 15c; ¼ lb., 50c. lb., \$1.50.

VEGETABLE MARROW—A favorite English variety, bearing freely; oblong, dull yellow fruit; 10 to 15 inches in length; 4 to 5 inches in diameter. Considered equally as good as Egg Plant, and much more prolific. Oz. 15c.

SIBLEY, OR PIKE'S PEAK—Shell is a pale slate-color, very hard, but so smooth and thin there is no waste in baking; flesh is solid and thick; a brilliant orange color; dry, and of a rich, delicate flavor. Plant plenty of seed as they are more difficult to germinate than others. Oz., 15c; ¼ lb., 40c; lb., \$1.00.

TOBACCO

BURLEY—Oz., 40c.

While we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, express or implied. If the purchaser does not accept the seeds on these terms and conditions they must be returned at once, and the money that has been paid for same will be refunded.

TOMATO

For early use sow in hot-bed or box in a sunny exposure in the house; they grow much better if transplanted when 2 or 3 inches high; when 5 or 6 inches high, if the ground is warm, transplant to the open ground, on a cloudy day, if possible. Set the plants about 4 feet apart each way, on mounds, so that the sunlight will reach the vines more rapidly. One ounce seed for 2,000 plants.



BONNY BEST—This is going to be one of the best early scarlet varieties; a round, solid tomato, fine flavor and thrives in nearly all soils. Oz., 30c.

EARLY ACME—A standard variety; very productive; fruit of medium size; round and smooth; color, dark purplish red, bears continually until frost; no core; splendid for market. Oz. 30c; ¼ lb., \$1.00.

SPARKS EARLIANA—This variety is extra early; good size and flavor; bright red. Oz., 30c.

JUNE PINK—Oz., 30c. See front cover inside page.

CLARK'S EARLY JEWEL—Oz. 30c; see front cover, inside page.

***LIVINGSTON'S BEAUTY** — Color, very glossy crimson with a light tinge of purple; very productive; ripens very early and evenly; free from rot; a splendid keeper. Oz., 30c; ¼ lb., \$1.00.

LIVINGSTON'S GLOBE—One of the finest market varieties; always smooth, ripens early, color a fine glossy rose, tinged with purple, is exceedingly productive and fruits evenly until quite late in the season. Oz., 30c; ½ lb., \$1.00.

PEAR-SHAPED YELLOW — Use for preserving same as figs. Oz., 30c.

JOHN BAER—An early, large variety producing a thick, smooth tomato. Bright scarlet, very few seeds. This variety is well adapted to this locality. Oz., 30c.

THE STONE—As its name implies it is very large, solid and heavy. Very smooth and of a bright scarlet color; ripening evenly to the stem without a crack; fine for canning and good for general crop; a good shipper. Oz., 30c; ¼ lb., \$1.00.

IMPROVED DWARF CHAMPION — Is of a dwarf, stiff habit, needing scarcely any support; it is very early and wonderfully prolific; a deep red; medium size, round and smooth; very few seeds. Oz., 30c; ¼ lb., \$1.00.

PONDEROSA — (Beefsteak of Monstrous)—The largest red tomato grown. Quite popular for home gardens. Oz., 40c.

*Canning varieties.

Prices on Tomato Seed Prepaid.

TURNIPS

For spring crops sow as early as the seed can be got into the ground, in 14-inch drills; thin to 5 or 6 inches. For the fall crop sow from the middle to the last of July; for a succession, at intervals of two weeks. As the seed is very fine, it requires to be covered very thin.

One ounce seed sows 100 feet of drill. One pound of seed to the acre.

EARLY WHITE FLAT DUTCH — This is one of the earliest white turnips, and used by market gardeners for early bunching; fine grain and mild flavor. Oz., 10c; ¼ lb., 25c.

SEVEN TOP—The tops are used for greens and not grown for the roots. Oz., 10c; ¼ lb., 25c.

PURPLE TOP STRAP LEAF FLAT —One of the early and best purple top flat turnips. Oz., 10c; ¼ lb., 30c.

IMPROVED GOLDEN BALL — Rich and sweet; unsurpassed for its quick growth and excellent quality; keeps well. Oz., 15c; ¼ lb., 25c; lb., \$1.00.

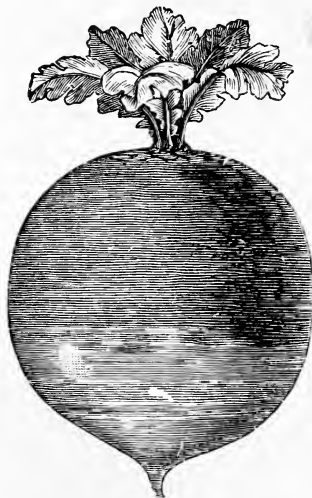
WHITE GLOBE—Globe-shaped. good for table or stock use; grows large. Oz., 10c; ¼ lb., 25c; lb., 80c.



PURPLE TOP WHITE GLOBE—A very popular market variety; flesh pure white, fine grained, with purple top. Oz., 15c; ¼ lb., 25c; lb., 80c.

RUTA BAGA

Ruta Baga should be sown earlier than fall and winter turnips. During the month of June is the best time. Cultivate same as turnips, except drills should be 20 inches apart. Thin to 8 inches.



AMERICAN YELLOW—Very hardy and productive. Flesh, yellow, solid, sweet, fine flavored. Oz., 10c; ¼ lb., 30c.

AROMATIC, MEDICINAL AND POT HERBS

Sow in the spring in shallow drills 1 foot apart; when well up thin out or transplant to a proper distance apart. Gather on a dry day just before they come into full bloom.

ANISE—The leaves used as a garnish and seasoning; the seeds made into tea as a tonic. Per oz., 40c.

BALM—Principally used for making balm tea. Oz., 50c.

CARAWAY—The seeds are used medicinally and the under leaves in soup. Oz., 10c.

CATNIP—A favorite medicinal herb. Oz., 10c.

DILL—The leaves are used in soups and sauces and to put along with pickles. Oz., 10c.

HOREHOUND—Used as a tonic; also in case of pulmonary complaint. Oz., 40c.

HYSSOP—The leaves are gathered for making Hyssop tea and for other purposes. Oz., 30c.

RUE. Used for medicinal purposes; also given to fowls for roup. Oz. 30c.

THYME—Sweet, used for seasoning. Thyme tea is a cure for nervous headache. Oz., 40c.

SAGE—The leaves are used for seasoning, stuffing, etc. Tea made from leaves is an excellent sudorific. Oz., 20c.

SAVORY, SUMMER—Leaves for culinary purposes. If finely powdered and sealed tightly in glass bottles, will retain their flavor for a long time. Oz., 40c.

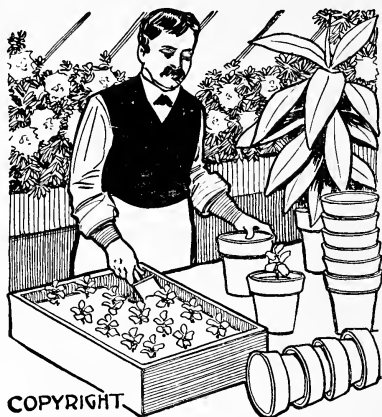
TANSY—Oz., 40c.

WORMWOOD—Used for medicinal purposes. It is also beneficial to poultry, and should be placed in poultry yards. Oz., 40c.

Each, per package, 5c and 10c.

While we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, expressed or implied. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.

PLANTS AND ROOTS



Cabbage, Celery, Cauliflower, Eggplant, Pepper and Tomatoes are transplanted plants. Price per 100 postpaid in season. On seedbed stock we can make special prices.

(Special price in large quantities.)

Asparagus Roots, year old, by parcel post. Doz., 20c; 100, 60c.

Asparagus Roots, 2 years old, by parcel post. Doz. 25c; 100, \$1.25.

CHIVES

Chives, or Schnittlauch, per bunch, 10c.

HORSERADISH

Horseradish. Doz., 20c; 100, \$1.50.

RHUBARB

Rhubarb. Doz., 50c. 100, \$3.50.

CABBAGE

Cabbage, Charleston Wakefield. Doz., 15c; 100, \$1.00.

Cabbage, Flat Dutch. Doz., 15c; 100, \$1.00.

Cabbage, late varieties. Doz., 15c; 100, \$1.00.

Cabbage, late varieties, large quantities. Special price.

CELERY

Celery, Easy Blanching, Doz., 15c; 100, \$1.00.

Celery, Giant Pascal. Doz., 15c; 100, \$1.00.

PLANTS AND ROOTS— Continued

CAULIFLOWER

Cauliflower, Early Snowball. Doz., 20c;
100, \$1.00.

EGG PLANT

Egg Plant, New York Purple. Doz., 40c.

PEPPERS

Peppers, Cayenne (Hot). Doz. 20c.

Peppers, Ruby King (Sweet). Doz. 20c.

TOMATO—Transplanted

Tomato, Early Acme. Doz., 15c; 100,
\$1.00.

Tomato, Dwarf Champion. Doz. 15c;
100, \$1.00.

Tomato, Beauty. Doz., 15c; 100, \$1.00.

SWEET POTATO PLANTS

In season. About 60c per 100.

All plants are hardened before shipping, and will be carefully packed.

Above prices good until stock is sold out. No extra charges for boxing or packing.

Special price per 1,000 on all plants.

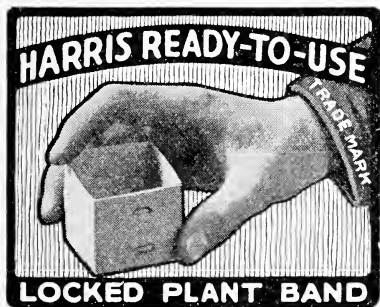
THE NUMBER OF PLANTS, ETC., REQUIRED TO SET AN ACRE

1 foot by 1 foot.....	43,560
1½ feet by 1½ feet.....	19,360
2 feet by 2 feet.....	10,809
2½ feet by 2½ feet.....	6,670
3 feet by 1 foot.....	14,520
3 feet by 2 feet.....	7,260
3 feet by 3 feet.....	4,480
4 feet by 4 feet.....	2,722
5 feet by 5 feet.....	1,722
6 feet by 6 feet.....	1,200
9 feet by 9 feet.....	537
12 feet by 12 feet.....	302
15 feet by 15 feet.....	193
18 feet by 18 feet.....	134
20 feet by 20 feet.....	108
25 feet by 25 feet.....	70
30 feet by 30 feet.....	40
40 feet by 40 feet.....	27

WEIGHTS, MEASURES AND AMOUNT OF SEED SOWN TO THE ACRE

Alfalfa Clover	60 lbs.	15 to 20
Red Clover	60 lbs.	12 to 15
White Clover	60 lbs.	6 to 8
Alsike Clover	60 lbs.	6 to 8
Timothy	45 lbs.	20 to 25
Blue Grass	14 lbs.	30 to 40
Red Top	14 lbs.	30 to 40
Mixed Lawn Grass.....	14 lbs.	30 to 40
English Rye Grass.....	20 lbs.	30 to 60
Oats	32 lbs.	32 to 65
Barley	48 lbs.	60 to 65
Corn	48 lbs.	8 to 10
Evergreen Millet	20 lbs.	20 to 30
Hemp	44 lbs.	32 to 56
Hungarian Millet	48 lbs.	25 to 30
Buckwheat	42 lbs.	36 to 52
Esperette Clover	28 lbs.	20 to 30
Orchard Grass	14 lbs.	20 to 30
Flax	56 lbs.	21 to 28
Common Millet	50 lbs.	20 to 30
German Millet	50 lbs.	25 to 30
Rye	56 lbs.	75 to 90
Wheat	60 lbs.	60 to 80
Sugar Beets		6 to 8
Peas, Field	50 lbs.	89 to 120
Top Onion Sets	29 lbs.	250 to 300

TRANSPLANTING PLANT BANDS



The simplest way to transplant plants is to grow them in plant bands, because they are ready to use and none of them are lost in setting them out. You will find these bands very economical and they form an excellent cut-worm guard. When transplanting the old way roots are exposed to the air with the result that the plants are seriously set back. Plants started in these bands and set in the field never know they have been moved. No. 2—2x2 in., 65c per 100. No. 3—3x3 in., 75c per 100.

FIELD SEEDS

(Market Price)



ALFALFA

A valuable forage plant. It requires a rich, deep soil. The sun must have free access to Alfalfa, and the ground must be rolling to enable the water to pass off readily. A wet underground is fatal to the plant. A great many sow in connection with oats. The latter should be sowed first and harrowed in, and then sow from 15 to 20 pounds to the acre of alfalfa seed and roll the ground well. It is best when cut in bloom. It will not shed rain like other hay, and it must be either stored in sheds or covered with canvas. After being cut alfalfa should lie until it wilts, and then cured in the cock, else the leaves become dry, crumble off, and the best part of the crop is lost. It is an all around feed for all kinds of stock. Alfalfa is the best pasture for all kinds of stock. **Lb., 30c.** Special prices on larger quantities.

All seed corn and field corn are tested.

BLUE GRASS

Kentucky Blue Grass, fancy cleaned, used principally for lawns, and sown in the foothills for pasture, does remarkably well. For lawns, use 1 pound to 10 feet square; for pasture, about 28 pounds to the acre. **Lb., 60c.** Special prices on larger quantities.

BROMUS INERMUS

BROMUS INERMUS (Broom Grass)—Beardless. The introduction of this variety into the arid regions of the west and northwest has given the people a pasture and meadow grass of great promise. This grass has been grown with success on the Divide east of the mountains, and should be used by all that have a shortage of water for irrigation. Try a few pounds. **Lb., 20c.** Special prices on larger quantities.

RED CLOVER

Red Clover is used more every year, and while not as productive as Alfalfa, it is sown by a great many in orchards. Twelve to 15 pounds to the acre. **Lb., 30c.** Special prices on larger quantities.

WHITE (DUTCH) CLOVER

Use with Blue Grass for lawns; makes good sheep pasture, and is fine pasture for bees; must be sown where it will have plenty of moisture. **Lb., 75c.** Special prices on larger quantities.

CLOVER OR EVERLASTING GRIMM ALFALFA



This is a variety of alfalfa that has been grown in Carver County, Minnesota for over 50 years. Recent investigation has shown Grimm's Alfalfa to be one of the most hardy known. Aside from extreme cold resistance, the Grimm is a heavy hay producer of fine quality. It is also a heavy seed yielder, under favorable conditions. This variety has a large stooling and deep crowning habit which is characteristic of hardy strains. You should give this variety a trial. Is sown in drills, three to five pounds to acre, and cultivated between rows. Alfalfa grown in drills will not lodge near as much from wind or rains as when sown broadcast. **Lb., 50c.** Special prices on larger quantities.

SWEET CLOVER—This once despised plant is now becoming very popular, especially where it is hard to establish a good stand of alfalfa. In some localities the White Blossom variety is preferred and in others the Yellow Blossom. Both are good. Sow from 8 to 10 pounds per acre on a compact seed bed. Don't sow on loose soil and expect a good stand. Sweet clover loosens up the soil and inoculates it for alfalfa. **Lb., 20c.** Special prices on larger quantities.

MORTON'S PASTURE MIXTURE

The Colorado Agricultural College recommends the following proportions for a well balanced permanent pasture:

- 15 pounds Orchard Grass
- 15 pounds Bromus Inermus
- 10 pounds Meadow Fescue
- 6 pounds Timothy
- 4 pounds Yellow Blossom Sweet Clover
-
- 50 pounds recommended for planting one acre.

FIELD SEEDS—Continued**ORCHARD GRASS**

Extremely hardy. This is one of the earliest grasses to start in the spring and makes the very best pasture. Horses are very fond of this grass, and when sown with alfalfa makes a very desirable hay for any kind of stock. This should be sown very extensively in the foothills and it does exceedingly well with a small quantity of water. Sow about 15 pounds to the acre. **Lb., 30c.** Special prices on larger quantities.

DWARF ESSEX RAPE**A Secondary and Catch Crop**

Often fine Rape may be grown upon land that has already produced a crop of some of the early maturing cereals, such as Rye, Oats, or Barley. It is used as a soiling crop or pasturage for sheep or swine. **Lb., 15c.** Special prices on larger quantities.

RED TOP

We carry both clean and fancy grades. Thrives best in low lands, making a very firm sod. Does well in Colorado. Sow from 18 to 20 pounds to the acre. Grown quite extensively in the foothills. **Lb., 30c.** Special prices on larger quantities.

TIMOTHY

Timothy is grown more extensively every year, and has proven to be one of the best crops for hay in the foothills than can be sown. Sow 12 to 20 pounds to the acre. **Lb., 20c.** Special prices on larger quantities.

BARLEY

HULLESS AND BEARDLESS—It is very productive and does equally as well in high and low altitudes. The straw is of good length and strong. The heads look very much like wheat. This is not a brewing barley, but is used for feeding stock. Our seed is Colorado-grown. **Lb., 10c.** Special prices on larger quantities.

BARLEY—A stock-feeding variety, not a brewing barley. Can be sown early in the spring. **Lb., 10c.** Special prices on larger quantities.

RYE (Winter)—This crop is growing in more favor every year; the last season double the acreage was sown for winter pasture. The seed should be sown in the early fall. It is sown at any season of the year when used for pasture. Some prefer the pasture to Spring Rye. If cut at the proper time it makes good hay. **Lb., 6c.** Special prices on larger quantities.

WHEAT

REGENERATED DEFIANCE — A soft, white spring wheat; a Colorado production, and one of the very best. **Lb., 6c.** Special prices on larger quantities.

MACARONI, OR DURUM (Kabanka)—Spring Wheat—Our seed is Colorado-grown, without irrigation. This is the variety recommended by the Colorado Agricultural College for arid lands. We have a fine sample of this variety. **Lb., 5c.** Special prices on larger quantities.

TURKEY RED (Winter)—The very best fall wheat for Colorado; is ready sale for milling. **Lb., 5c.** Special prices for larger quantities.

MARQUIS—One of the best spring varieties. A hard wheat; good sized kernel, and preferred by millers. Always sells for top market price. **Lb., 5c.** Special prices on larger quantities.

BUCKWHEAT

JAPANESE (New)—The kernels of this new Buckwheat are nearly twice as large as the common kind; it branches more and need not be sown so thickly. It is very heavy cropper and less apt to blight than any other variety. **Lb. 10c.**

SILVER HULLED—**Lb., 10c.**

POP CORN

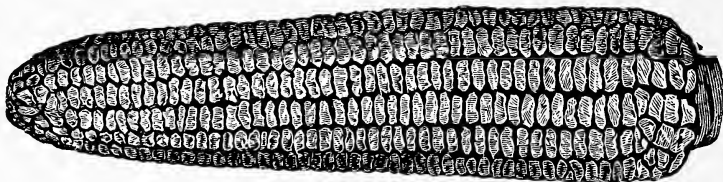
Parcel Post Rates.

WHITE RICE POP CORN—One of the very best varieties grown; a sure cropper and always finds ready sale. **Lb., 10c.**

QUEEN'S GOLDEN—This is a very fine pop corn, color a delicate golden yellow; pops out white and large; is very tender. **Lb., 10c.**

LARGE SPANISH (New)—A large kernel. Pops large. very tender and sweet. **Lb., 15c.**

FIELD CORN



MINNESOTA No. 13 YELLOW DENT CORN—Deep kernel. Medium size cob, withstands drouth and in some localities has proven one of the best to grow. **Lb., 10c.** Special prices on larger quantities.

WHITE AUSTRALIAN CORN—Colorado grown. It is an early flint corn, used by a great many for roasting ears. For those who have no water for irrigation, this is one of the best varieties. Very fine for hominy. **Lb., 10c.** Special prices on larger quantities.

WHITE DENT—A large white dent corn. Colorado-grown. **Lb., 10c.** Special prices on larger quantities.

MILLER'S YELLOW DENT (Mountain-grown Seed)—This is a very productive corn, small ear and cob; more suitable to the foothills and mountain districts, and thoroughly acclimated. Very early. Good for dry claims. **Lb., 10c.** Special prices on larger quantities.

SQUAW CORN—Kernels, flint black, mixed with white, withstands drouth. A very good corn for non-irrigated land. **Lb., 10c.** Special prices on larger quantities.



SWADLEY — Colorado grown. An early, broad kernel, yellow dent corn. The tips of the grains are very light yellow, almost white. A drouth resistant variety some prefer to Yellow Dent. **Lb., 10c.** Special prices on larger quantities.

IOWA GOLD MINE AND IOWA SILVER MINE—The seed we offer of these two varieties is Pueblo County grown. The Iowa Gold Mine harvested 80 bushels per acre, and the Silver Mine 90 bushels to the acre. The seed is very fine. **Lb., 10c.** Special prices on larger quantities.

IMPROVED LEAMING (Yellow Dent)—Has proven the best ensilage corn grown in this valley. One field averaged 25 tons to the acre when put in silo. **Lb., 10c.** Special prices on larger quantities.

COLORADO GROWN EARLY WHITE DENT CORN—Good sized ears, well filled. Very few barren stalks and all ears mature. No soft corn; very hardy; matures in 90 days. The seed we offer has been selected for a number of years, and is thoroughly acclimated. **Lb., 10c.** Special prices on larger quantities.

MILLET

MILLET (Golden)—This variety should be sown as soon as danger of frost is over, and is best on good, moist ground, and like other millet, does not require irrigation if it has a fair amount of moisture. **Lb., 10c.** Special prices on larger quantities.

MILLET (Proso, sometimes it is called Manitoba or Hog Millet, and Broom Corn or Russian Millet)—This variety is grown more for the grain crop than Common or Golden. The stalks are coarse and wooly; the heads are spraingling like Broom Corn and droop over. This variety is generally a sure crop in the dry, arid region. **Lb., 10c.** Special prices on larger quantities.

RUSSIAN SUNFLOWER

Raised extensively for chicken feed; does well in low spots. **Lb., 25c; post-paid.**

KAFFIR

White seeded kaffir that has matured a number of seasons in Colorado; is hard to get. We have a small quantity of this seed to offer and know it will mature if any strain of kaffir will. Kaffir corn will make much more fodder than feterita or milo and is used extensively in Kansas for ensilage. Plant 5 to 8 lbs. per acre for grain crop; 12 to 25 lbs. if grown for fodder.

We quote you our present stock unsold, at, lb., 10c. Special prices on larger quantities.

DROUTH RESISTING SEEDS

FETERITA

This is another non-saccharine sorghum that has come to stay. Its value as a feed is 90 per cent that of corn. Some growers say it withstands drouth better than milo or kaffir corn. Our experience is that it will mature in a higher altitude than any other sorghum. The seed we offer is Colorado grown. Plant from 5 to 8 pounds to the acre in rows about 2 feet apart. The grain of this variety is white. Lb., 10c. Special prices on larger quantities.

MILO MAIZE

We have the white and yellow dwarf milo, Colorado grown seed to offer this season. This is without doubt the crop for dry farmers. It rarely ever fails to make a good grain crop and the feeding value is 90 per cent of corn. Prepare your ground as you would for corn. Plant in rows 2 to 3 feet apart and give

thorough cultivation after the plants are up 6 to 8 inches. Five to 8 pounds to the acre. Lb., 10c. Special prices on larger quantities.

SUBJECT TO SALE—All prices in this catalogue are subject to stock being unsold on receipt of your order.

SPRAYERS



No. 200—Capacity 5 to 10 lbs., \$14.15.

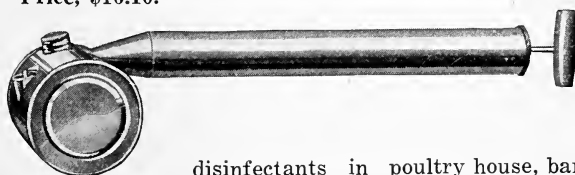
No. 100—Capacity 2 to 5 lbs., \$10.00.

ACME SUPERBUILT HAND DUSTER. A convenient duster for house and garden. Powder fly sprays adjustable to dust underside of plants. Capacity $\frac{1}{2}$ lb., \$1.00; 3 lbs., \$2.60.



that will last a life time. Will spray any liquid, whitewash, and etc. Price \$5.00.

ACME SUPERBUILT WHEELBARROW SPRAYERS. Especially designed for use in greenhouse, nursery stock, poultry houses and etc. Completely equipped with agitator, six feet high pressure hose, brass extension tube. Capacity 12 gallons. Price, \$16.10.

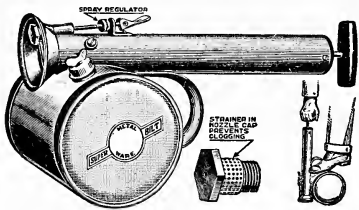


disinfectants in poultry house, barns and etc. 1 qt., 30c; 1 pt. 25c.

ACME SUPERBUILT DUSTERS. For dusting all low growing crops; beans, cabbage, cauliflower, melons and berries and etc. Patented rotary and oscillating agitators to prevent hanging of powder in hopper. Complete with attachments for one or two rows.

STANDARD SPRAY PUMP. Made entirely of brass. No leather washers, no castings to rust, nothing to get out of order. A pump

ACME SUPERBUILT HAND SPRAYER. A very popular hand sprayer for use of insecticides on plants and flowers, also fly sprays and



ACME SUPERBUILT CHEMICAL SPRAYER. Capacity 3 quarts, for flies, mosquitos, aphis, moths, roaches and insects of all kinds and for spraying disinfectants in dairies and etc. Especially good around flowers and the garden. Galv. steel tank, \$3.35; brass tank \$5.95.



ACME SUPERBUILT COMPRESSED SPRAYER. A high pressure compressed air sprayer. Suitable for use with all spraying solutions on the farm and for garden and vegetable plants, bushes, trees, vines and etc. A few strokes of air pump makes sprayer ready for immediate action.

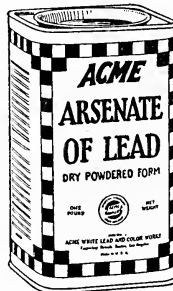
- 4 gal. galv. tank, \$4.50.
- 4 gal. brass tank, \$8.70.
- 2 gal. galv. tank, \$3.65.
- 2 gal. brass tank, \$7.70.

SUBJECT TO SALE—All prices in this catalogue are subject to stock being unsold on receipt of your order.

INSECTICIDES FOR ALL GARDEN USES.



(Poisons can not be mailed; should be sent by Express or Freight)



ARSENATE OF LEAD. Made to control all leaf eating insects on apples, cherries, currants, gooseberries, grapes, peaches, pears, plums, beans, cabbage, cauliflower, potatoes, and etc. $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 4 lbs. 80c.

FREE-MULSION. A combination of soap and kerosene in concentrated form for San Jose scale, caterpillars, green fly, also very effective on cedar trees as an excellent fungicide. One gallon to 25 gallons of water. Per Gallon, \$1.25.



BEAN BEETLE DUST. For Mexican Bean Beetle and striped cucumber beetle. Do not wait until vines are destroyed; first application should be applied when bushes and vines are in bloom. 1 lb., 25c; 4 lbs., 80c.

LIME-SULPHUR. Dry powder. Used as a dormant spray in fall or spring for scale, leaf curl and twig borers. Summer spray for scab, blight, red spider and mites. 1 lb., 30c; 5 lbs., \$1.25.



ACME ALL AROUND SPRAY. For the destruction of all chewing and sucking insects and fungus diseases. A combination of liquid and powder. 1 lb. can 35c.



BORDEAUX MIXTURE. For blight, rot, mildew, anthracnose and certain fungus diseases. 1 lb., 40c; 4 lbs., 80c.



PARIS GREEN. When used dry will not clog. Liquid spray 1 tablespoon to one gallon water. ¼ lb., 15c; 1 lb., 50c.



GARDEN GUARD. An insecticide and fungicide for all vegetables, shrubs and flowers.

SODIUM FLORIDE. For poultry lice, roaches, water bugs and etc. 1 lb., 35c; 3 lbs., \$1.00.

BAIT-M. Kills grasshoppers, snails and cutworms. 1 lb., 25c.

CREOSOTE. For poultry house disinfecting. Per gallon, 85c.

PYRETHRUM POWDER. (Persian Insect Powder), per lb., 75c.

BLUE VITROL. 1 lb. makes 15 gallons spray. 1 lb., 15c; 5 lbs., 85c; 100 lbs. \$11.00.

"43" for trees, a black paste to be painted on sawed or cut tree limbs. 1 lb. can, 65c.

Antrol



ANTROL. This method "gets" them at their source. Safe, permanent, effective. The poison gets to the queen ant and destroys the whole colony.

Complete sets 95c; pt., 95c.

M-G-K
EVER GREEN
NON-POISONOUS INSECTICIDE

EVERGREEN—Non-poisonous insecticide for killing all plant lice, red spider, beam beetle, cut worms, cabbage worms, squash bugs, rose slugs and mealy bugs.

1½ oz. bottle	\$.35
6 oz. bottle	\$1.00
16 oz. bottle	\$2.00
1 gal. bottle	\$13.00


BLACK LEAF 40. 1 oz. 35c; ½ lb., \$1.25; 2 lbs., \$3.25; 10 lbs., \$11.85.

CARBOLA. A strong disinfectant and also a whitewash. 5 lbs., 65c; 10 lbs. \$1.25; 50 lbs., \$5.00.

VOLCK. A scientific spray for aphids, thrips, white fly, mealy bug, rose mildew and scales on plants. 1 pt., 75c; 1 gal., \$3.00.

COPPER CARBONATE. 51-54 Highly recommended for all smut sprays. 1 lb., 35c; 3 lbs., \$1.00. (1 lb. to 500 lbs. grain.)

We Sell



Clean--Powerful--Safe

DISINFECTANT DEODORANT ANTISEPTIC

For 145 Important Farm and Household Uses. 5601

One pint	\$.65
One quart	\$1.25
One gallon	\$3.00
Five gallon	\$12.00

Snarol

SNAROL. A poison preparation to kill snails, cut worms and sow bugs and etc. 1 lb., 45c; 3 lbs., 95c.

NEW MODEL SEED DRILL

A very satisfactory drill that is complete in regulation of discharge, cut-off, marker, opening plow and cover roller. Price, \$15.00.

GARDEN TOOLS

IRON KING LARGE WHEEL CULTIVATOR—Wheel 24 inches—attachments are: 1 hoe, 2 sized cultivator teeth for shallow furrowing, three teeth mounted on a bracket for work in wide rows. Price, \$4.50.

CYCLONE HAND SEEDER—Suitable for all grains and grasses. The construction is simple, strong and practical, easily carried with strap over the shoulder. A good, but low-priced seeder. Price, \$2.50.

STEEL DIBBER

For setting out plants, 40c.

GARDEN TROWEL—Solid steel, 25c.

LANG'S HAND WEEDER—25c each.

IMPROVED CAHOON HAND SEED SOWER—This is probably the most popular broadcast sower on the market. They have a force feed and throw the seed from 15 to 36 feet, according to weight. Price, \$4.50.

SEGMENT CORN PLANTER—Decidedly the best hand corn planter made, and a very desirable implement for those who have but a small field, or need to replant their ground. Decidedly the best corn planter made and a very desirable implement for those who have but a small field or to replant their ground. Price, \$2.25.

NEW ACME ADJUSTABLE CORN PLANTER—Price, \$1.50.

PLANET JR. COMBINATION HILL AND DRILL SEEDER

Planet Jr. Combination Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow. No. 4 complete, at \$21.50; No. 14-D, Seeder only, \$17.00; No. 12 Cultivator, with 6-inch hoes, cultivator teeth, pair of plows and leaf lifter at \$13.00. No. 13 Hoes only, at \$9.25.

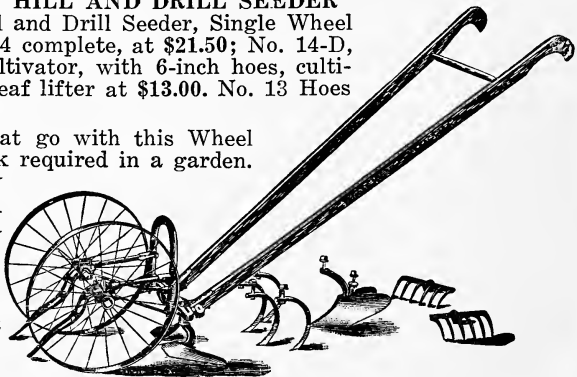
TOOLS—With the tools that go with this Wheel Hoe it is adjustable to any work required in a garden.

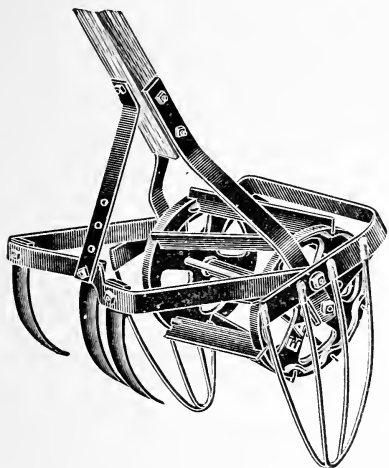
EVER-READY NO. 2 CORN SHELLER with butting and tipping attachment, made of heavy gray iron; all teeth on disk wheel are perfect attaches to box or barrel by two clamps large thumbscrew adjustment for large or small ears, capacity about ten bushels.

HOW TO MAKE A LAWN

In the early spring the ground should first be graded and covered about three inches with well rotted stable manure; plow or spade under from 4 to 6 inches deep, then the ground should be well watered until the clods are well dissolved, and when in condition should be raked over level and smooth; sprinkle the ground well again and let lay until the soil is well settled. If not in too great a hurry it is a good plan to let the weeds start before sowing the seed. When ready to sow the seed the ground should be raked all one way, and sow 1 pound of seed to 10 feet square then rake the ground cross-ways and roll, if possible. This then should be covered with a light coating of very fine and well rotted stable manure and kept moist by sprinkling as often as needed. A great many cover the ground after seed is sown, with straw. This is a very desirable way if the lawn is made very late in the spring. The better time in this locality to make and sow a lawn is in the month of June. The general rule is 1 pound of grass seed to 10 feet square, or if you care for clover, 1 pound of clover to 4 pounds of Blue Grass. This will insure a good thick sod the first season. It is useless to try and make a lawn on soil that has been excavated from cellar. Soil in Colorado must be aerated from one to two years before seed will germinate or grow.

Clover being so much heavier than Blue Grass, seed should be sown separate to get an even stand of clover.





EASY GARDEN RAISER. It weeds, chops, cutivates, mulches and levels. Eight blades that chop the soil crust and pulverizes the soil to conserve all moisture. 8½-inch model\$ 9.50
10½-inch model\$16.00

FERTILIZERS

SACCO

TRADE MARK REG. U. S. PAT. OFF.

— Makes Things Grow —

Contains Nitrogen, Potash and Phosphoric acid. Ideal fertilizer for potted plants, flower beds, the garden and old or new lawns. For lawns use about three pounds for 10 by 10 feet.

One-pound can	\$.25
Five-pound bag	\$.50
Ten-pound bag	\$.85
Twenty-five pound bag.....	\$1.75
Fifty-pound bag	\$3.00
One hundred-pound bag.....	\$5.00

LAWN FERTILIZERS

To be used on the lawn in the spring and summer; gives immediate results; soluble; it does not disfigure the lawn like stable manure. One pound will cover about 6 feet square. Price, 50 lbs., \$1.75; 100 lbs., \$3.50.

NITRATE OF SODA—A quick acting fertilizer. Lb., 10c.

SULPHATE OF AMMONIA. A stimulant rather than a fertilizer; acts rapidly and effect does not last long. 1 lb., 10c; 100 lbs., \$5.00.

BONE MEAL—Used extensively as a fertilizer for roses, grapes, vines, shrubs, palms and ferns. Price, 1 lb., 5c; 10 lbs., 50c.

GARDEN TRUCK FERTILIZERS

For garden truck and plants—none better. Use in hot-beds or greenhouse, and when cabbage, celery and other plants are set out in the open ground; use about one tablespoonful to each plant when setting out. Be sure to have fertilizer well mixed with soil. In hotbed and greenhouse, use about 1 pound to a sash (3x6 feet). 50 lbs., \$1.75; 100 lbs., \$3.50.

VIGORO

Specially prepared Plant Food

VIGORO is specially prepared to supply growing things with all of the plant food element needed for rapid growth. Vigoro is odorless, clean and easy to apply, it can be sown by hand like grass seed.

100-lb. bag	\$6.00
50-lb. bag	\$3.75
25-lb. bag	\$2.00
5-lb. pkg.	\$.60
12-oz. pkg.	\$.10

INSECTICIDES AND SPRAYS

Prices quoted subject to market change.

WHITTAKER DIP (Liquid)—Will destroy ants, drives cockroaches away. Price, pint can, 50c; quart can, 75c; half-gallon can, \$1.25; 1 gallon, \$2.00.

FORMALDEHYDE—For the prevention of smut on grains. One pint diluted with 40 to 50 gallons of water is sufficient to treat 30 bushels of grain. 16-oz. bottle, 40c.

PEERLESS GOPHER KILLER, liquid (Lee's)—A sure killer for prairie dogs, gophers, ground squirrels and all burrowing animals. Quart-can, 75c.

ZELIO—Guaranteed to kill rats and mice without odor, directions on each package. Price, per pkg. 50c.

POISONED OATS—For mice, prairie dogs, gophers. We have prepared this for years and know that it will kill prairie dogs. 1 lb., 40c.

POWDERED HELLEBORE — For worms on currants and gooseberries. 1 lb., 25c.

SLUG SHOT (Hammond's) — For worms on vegetables and flowering plants; used extensively on growing cabbage. 5-lb. package, 75c. 10-lb. package, \$1.25.

FISH OIL SOAP—Used where insect life exists. Dissolve 2 ounces of soap to 1 gallon of water. Lb., 20c.

CYANOGENAS (Calcium cyanide) — Grade A is prepared in dust form for use in destroying rats, gophers, prairie dogs and ants. Very poisonous and should be used only out of doors. 1 lb. can, 75c; 5-lb. can, \$3.00.

KELLOG ANT PASTE—Per bottle 25c.

MURRAY'S ROACH DOOM — ½-lb. pkg., 75c; 1 lb., \$1.25.

SEMESAN (Premier Seed Disinfectant) —A modern disinfectant to prevent or control effectively a most diversified variety of parasitic diseases and fungus growths borne by seeds. 2 oz. tin, 50c. 1 lb. tin \$2.75.

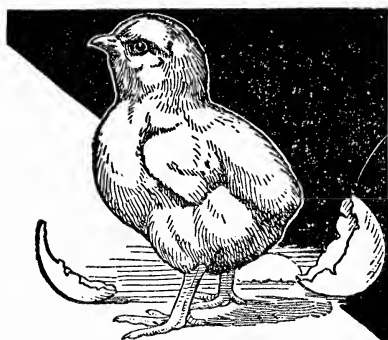
SEMESAN JR. and SEMESAN BEL—A less expensive but equally effective form of Semesan for the dry dust disinfection of both field and sweet corn seed against the ear, root and stalk rots, also the control of common seed borne potato diseases. 4 oz. tin 50c; 1 lb. tin, \$1.75.

CERESAN—A dust disinfectant for seed grains. 1 lb. tin, 75c; 5 lb. tin, \$3.00.

Poisons cannot be sent by mail. Must be forwarded by express or freight.

POULTRY SUPPLIES AND FOODS

We are Pueblo distributors, wholesale and retail, for Pratt's Poultry Remedies.



It's no trick to raise chicks, if you use the original "baby food for baby chicks."

pratt's.

Buttermilk Baby Chick Food

is made of purest, wholesome, high quality ingredients, mechanically predigested and so processed as to make it highly potent in Vitamin D which prevents leg weakness, increases resistance to disease and gives greater health and growth. Let us tell you what your neighbors think of Pratt's.



BABY CHICK FOODS

HOYT'S MIXTURE. A balanced baby chick grain; cracked wheat, corn, milo, kaffir, canary, millet, hemp, rape, granulated blood and bone, fine charcoal in right proportions. \$4.00 per 100 lbs.

PRATT'S GROWING MASH

10 lb. sack	\$.45
25 lb. sack	\$1.05
50 lb. sack	\$2.00
100 lb. sack	\$3.75

PRATT'S BUTTERMILK BABY CHICK FOOD

Prices on—

2½-lb. carton	\$.25
5-lb. sack	\$.30
10-lb. sack	\$.60

25-lb. sack	\$1.35
50-lb. sack	\$2.40
100-lb. sack	\$4.75

PIERCE'S MIXED GRAIN FOR LAYING HENS—This consists of small grains, the right proportion of charcoal and other ingredients to make hens lay, and keep them in good, healthy condition. It pays others to feed our mixed grain for laying hens and will pay you. We have a good trade among ranchmen for this feed. Put up in 100-pound sacks at market price.

We have added a mineral to all of our poultry mashes.

PIERCE'S NO. 1 MASH—This is a mash for laying hens and mixed from a government formula, and contains everything for a balanced mash feed, including green food. There is nothing better. \$3.00 per 100 lbs.

PIERCE'S NO. 2 MASH—A balanced poultry ration consisting of equal parts of white shorts, beef scraps, yellow corn chop and white bran thoroughly mixed. A favorite with many poultry raisers. \$3.00 per cwt.

OYSTER SHELL (Ground Coarse or Fine)—This is one food that should be in every poultry yard, convenient and handy where fowls can help themselves at all times. It is necessary for laying hens. 12 lbs., 25c; 100-lb. sack, \$1.25.

GOLDEN MEAT SCRAPS—Protein 50% (Dried).—This is a product that we sell in large quantities. This food has all the elements to make a healthy growth. The meat is sufficiently evaporated to prevent becoming rancid. Keeps well. Best fed in a mash two or three times a week. About one tablespoonful to a fowl. 5 lbs., 25c; 100-lb. bag, \$4.50.

GROUND OIL CAKE—It is the greatest flesh former and cream producer in use. Fed in dry or wet mash. One part oil cake meal to 5 parts bran. Fed twice a week is very beneficial. 5 lbs., 25c. Market price on 100-lb. lots or more.

GRAY GRANITE GRIT—Coarse and fine. Poultry that is confined must have grit furnished, and Gray Granite is the best. It is sharp and does the work. 12 lbs., 25c; 50 lbs., 75c.

CHARCOAL—Is one of the most necessary foods there is for all kinds of fowls. Pure charcoal is an excellent aid in arresting bowel complaints, and should be in a hopper before the fowls all the time. Coarse granulated for grown fowls; fine granulated for chicks. Per lb., 6c; 10 lbs., 50c.

Save Your Baby Chicks



Put AVICOL in the drinking water

Avicol is guaranteed for the treatment and prevention of white diarrhea or baby chick cholera. Easily used and inexpensive. Price 50c and \$1. Sold Under a Money-Back Guarantee.

AVICOL

Stops Chicks Dying

AVACOL—For white diarrhea, cholera, roup and blackhead in poultry, Price, 50c and \$1.00.

WALKO — For roup, cholera, white diarrhea in poultry. Price, 50c and \$1.00 per package.

PRATT FOOD CO. GOODS

PRATT'S POULTRY REGULATOR

26-oz.	30c
4-lb.	60c
12-lb.	\$1.50
25-lb.	\$3.00



PRATT'S ROUP CURE— Per box 30c.

PRATT'S LICE KILLER POWDER—Per box, 15c.

PRATT'S LICE KILLER POWDER—Per box, 30c, 60c.

PRATT'S WORM POWDER—Rids poultry of round, tape and thread worms. 2-lb. pkg., 60c; 12-lb. bag, \$2.20; 25-lb. bag, \$3.85.



**PRATT'S N. K.
TABLETS**
(Nicotine-Kamala)

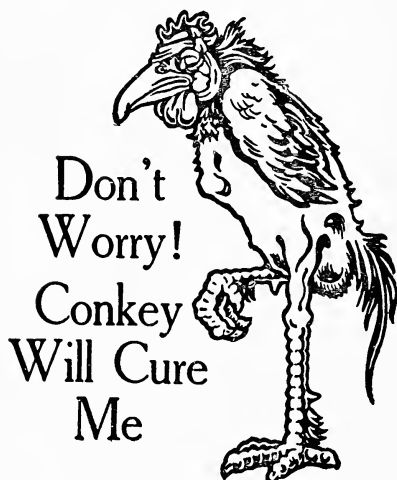
For tape and large
round worms:

50 Tablets	\$1.00
100 Tablets	\$1.75
500 Tablets	\$7.00



**C. E. CONKEY POULTRY
CO. GOODS**

Postage Extra



CONKEY'S BRONCHITIS REMEDY
—Package, 60c.

CONKEY'S HEADLICE OINTMENT
—Per package, 10c and 25c.



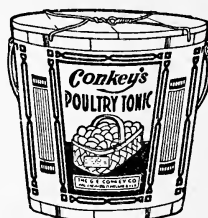
**CONKEY'S LICE POW-
DER**—15-oz. package, 25c

**CONKEY'S LICE
KILLER**—Quart can, 60c;
2 quart can, 90c.

**CONKEY'S ROUP
REMEDY**—30c, 60c
and \$1.00 packages.

**CONKEY'S CHOL-
ERA REMEDY**—
Package, 25c.

**CONKEY'S LAY-
ING TONIC**—3½-
lb. packages, 60c.



GEO. H. LEE CO. GOODS

LEE'S LICE KILLER—1 quart can, 60c.
LEE'S LICE KILLER—½-gal. can, 90c.
LEE'S LICE KILLER—1-gal. can, \$1.50.
LEE'S EGG MAKER—5½-lb. pkg. \$1.00.
LEE'S EGG MAKER—12-lb. pkg. \$2.25.
LEE'S GERMIZONE—Per bottle, 40c.
LEE'S GERMIZONE—12-oz. bottle, 75c.
LEE'S GERMIZONE—60 tablets, per
box, by mail, 75c.
LEE'S GIZZARD CAPSULES—Adult
size, 50 capsule size, \$1.00; 100 cap-
sule size, \$1.75. 500 capsule size, \$7.00.
LEE'S INSECT POWDER—Per box 30c;
prepaid 40c.
LEE'S HEADLICE OINTMENT—Per
box, 15c.

**DR. HESS AND CLARK
POULTRY FOODS AND
REMEDIES**

Prices quoted are postage extra.

DR. HESS POULTRY PAN-A-MIN
(Formerly Pan-a-cea)

100 lb. drum	\$12.00
25 lb. pkg.	\$3.50
7 lb. pkg.	\$1.25
3 lb. pkg.	\$.65

DR. HESS HOG SPECIAL	
100 lb. drum	\$12.00
25 lb. pkg.	\$3.50
15 lb. pkg.	\$2.25

**DR. HESS IMPROVED STOCK
TONIC**

100 lb. drum	\$12.00
15 lb. pkg.	\$2.25
5 lb. pkg.	\$.50

DR. HESS VER-MIN-TROL (Formerly Worm Powder)	
10 lb. pkg.	\$3.50
4 lb. pkg.	\$1.50

DR. HESS POULTRY TABLETS (Formerly Roup)	
100 tablets	50c

DR. HESS CHICK TABLETS

(Formerly Diarrhea Tablets)

100 tablets50c

CRAYON NEST EGGS—These are used in nests to prevent eggs from freezing and are very convenient to have in each nest. 3 for 10c.

LICE REPELLANT NEST EGG—The greatest discovery for ridding poultry of vermin; the least trouble to use—only place the egg in the nest. 3 for 25c.

DRY MASH FEEDERS



CYMACO SCIENTIFIC DRY MASH FEEDER—Use Cymaco Dry Mash Feeders to avoid wasting the dry mash. It feeds all kinds of feed without clogging. 24 inches long. Price, \$3.50.

LEG BANDS

FOR CHICKENS, TURKEYS, PIGEONS AND ALL KINDS OF FOWLS.

CHALLENGE—Double clinch, flat aluminum; per dozen, prepaid.....20c
Per 100\$1.00

VICTORY—Large celluloid numbers, per dozen, 50c.

SPIRALET OR KEYRING CELLULOID CHICKEN LEG BANDS. Colors, red, blue, green, yellow. American and Mediterranean breeds; per doz., 10c; 50 for 35c; 100 for 60c.

RELIABLE ADJUSTABLE ALUMINUM with Celluloid large numbers. Per doz., 25c; 100 for \$1.25.

ALUMINUM numbered Bands. Per doz., 15c; 100 for \$1.00.

CAPONIZING SETS

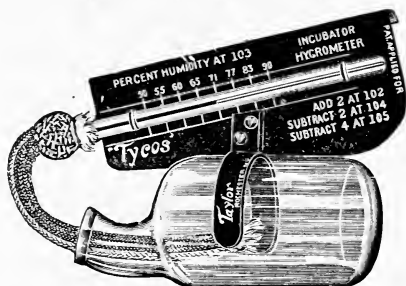
(Postpaid)

Philadelphia Capon Set\$2.50
Philadelphia Capon Set, in case.....\$2.75
Piling's Farmer Capon Set.....\$3.00

MUSHROOMS

MUSHROOM SPAWN, Per brick, 30c; postpaid, 40c.

THERMOMETERS AND HYGROMETERS



THE "TYCOS" INCUBATOR HYGROMETER

Millions of chicks die in the shell every year for the want of proper moisture conditions. The "Tycos" Incubator Hygrometer is not a regulator of moisture, but an indicator of conditions, so that if not correct, they may be made so.

The use of the "Tycos" Incubator Hygrometer effectively lessens the percentage of chicks dying in the shell—due largely to improper moisture conditions.

"Tycos" Incubator Hygrometer, each \$1.50; extra wicks, per doz., \$1.00; each, 10c.

"TYCOS" CERTIFIED INCUBATOR THERMOMETERS

With scale etched on the glass tube so that should the tube from any cause work loose on the mounting, the efficiency of the thermometer would not in any manner be diminished. Made in mercury tubes only. Each, \$1.00.

INCUBATOR THERMOMETERS,
"TYCOS"—Adjustable to most any incubator. Each, \$1.00; postpaid.

BROODER THERMOMETERS—40c to 75c each; postpaid.

DAIRY THERMOMETERS—Each, \$1.00; postpaid.

Thermometers sent at purchaser's risk.

NUMEROUS ITEMS THAT WE CAN FURNISH

SPRATT'S DOG BISCUIT—A complete food for grown dogs. Per lb., 15c.

SPRATT'S PUPPY OVALS—A puppy food that is relished by growing pups and small dogs. Per lb., 15c.

GRAFTING WAX—For budding and grafting; used also on bruised and barked trees and shrubs. Furnished in cakes ready for use. 1-lb. cake, 35c. ½-lb. cake, 20c; postage extra.

CHICKEN PUNCH MARKERS (Acme)—By mail, 25c each.

ANDERSON EGG BOX CARRIERS—For setting of eggs to ship. Holds 15 eggs. Price, each 20c.

EGG CARTON—Holding one dozen eggs. Used for special delivery of fresh eggs. Per dozen, 15c; 100, \$1.00.

THE HEN FRIEND DRINKING FOUNTAIN—Made to resist frost and not leak. No. 1, 75c; No. 2, 60c; No. 3, 40c.

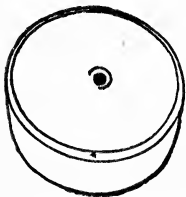
SANITARY GRIT AND SHELL BOX—Three compartments; made of galvanized iron. Price, \$1.00.

NATURAL FISH FOOD—Per box 15c, postpaid.

SEAMLESS SACKS (American A)—Market price.

MOCKING BIRD FOOD—Per can, 35c.

RAT CORN—For Rats, Mice, Roaches, and Water Bugs. 25c per package.



RABBIT SALT.

Sulphurized Spools
5c each or 55c per doz.

Plain Spools 5c each
or 55c per doz.

Mineral Spools 10c
each or 3 for 25c.

RABBIT FEEDERS AND WATERS
Pints.....20c Quarts.....25c

BOVIERS RABBIT REMEDY
16 oz.....70c 7 oz.....35c

**USE KENTUCKY BLUE GRASS AND
WHITE CLOVER FOR LAWNS.**

BLATCHFORD'S CALF MEAL



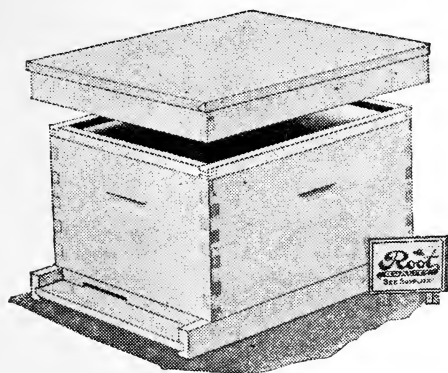
DON'T FEED BUTTER-FATS TO YOUR CALVES

It Is Worth More for Other Purposes
100 Pounds Makes 100 Gallons of
Perfect Milk Substitute

HOW TO RAISE CALVES SUCCESSFULLY — FULL DIRECTIONS in
each 25-lb. sack at \$1.75; F. O. B. Pueblo.



DE LAVAL SEPARATOR — Best cream separator now in use; more of these separators in the Arkansas Valley than any other make. Write us for circular and prices.

DOVETAIL HIVE

The standard hive, 8-frame and one story. The body consists of a plain box, 18½ inches long, 12½ inches wide and 9½ inches inside measure; made of ¾-inch lumber and dovetailed at the corners. It has eight self-spacing Hoffman brood frames, metal rabbits and division board.

The super consists of a box, one-half as deep as the hive, which have for their bottom pattern slats, cut the same size, and shape as the sections; wood separator and nails go with this hive.

The one-story hive includes a cover, bottom brood chamber, complete, and one super with inside fixtures.

8-frame, 1-story, metal cover;
each\$3.25

8-frame, 1-story, 5 hives, metal
cover\$14.00

Hives are put up five in a crate, and weigh about 90 pounds per crate. Above prices knocked down.

The Porter Bee-Escape

Price, 25c each. postpaid

Bee Escape Board, with escape, 75c each.

Unbound Zinc Queen Excluders, 8-frame, 60c each.

Wood and Wire Queen Excluders, 8-frame, \$1.00.

Alley's Improved Queen and Drone Trap, \$1.00.

Sections

4¼x4¼x1⅝ are the Standard Section

The No. 1 section is made only from the whitest basswood.

In lots of 100—No. 1.....\$ 1.50

In lots of 500—No. 1.....\$ 6.50

In lots of 1000—No. 1.....\$12.50

Sections are put up 500 in a crate, and weigh about 60 pounds per 1,000.

Extra Supers for 8-Frame Hive.**Pattern Slats**

Lots of 1, each95c

Lots of 5\$4.75

Shipping Cases

In lots of 10\$ 4.00

In lots of 50\$19.00

24-pound double tier with glass, nails and paper complete in original cases of 50, per case, \$19.00.

SOLAR WAX EXTRACTOR

Better than all artificial heat devices is a Solar Wax Extractor. A good one will more than pay for itself in one season. Price, each \$15.00.

Per 100
Hoffman Brood Frames\$7.00
Section Holders, slotted.....\$5.00
Wood Separators for 4¼ sections;
slotted\$2.50

We can furnish Italian Queens, tested Colorado bred, \$2.25 each; postpaid.

PARKER'S FOUNDATION FASTENER—For putting the foundation in 4¼x4¼ sections; each 40c.

BINGHAM SMOKERS

4-inch\$1.75

Little Wonder\$1.00

COMB FOUNDATION

(Dadant's)

Extra thin surplus, per lb.....\$1.00

Medium Brood, per lb.\$.90

Subject to market change.

Special Price in Quantities.

SUNDRIES

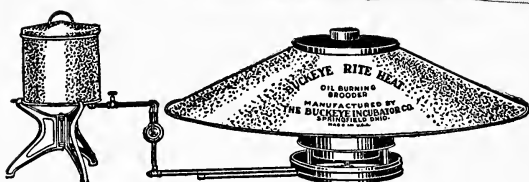
A B C and X Y Z of Bee Culture.....\$3.00

Honey Extractor—Novice, No. 5;

not reversible\$28.00

Bee Veil Globe\$1.50

½-lb. Spool No. 30 Tinned Wire.....30c



"RITE-HEAT" COLONY BROODERS

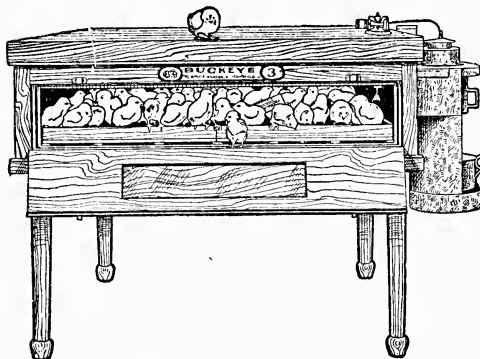
No. 103— 500 chicks	\$29.50
No. 104—1250 chicks	\$33.00

BLUE FLAME COLONY BROODERS

No. 27-B—Blue Flame—200 chick	\$14.50
No. 80-B—Blue Flame—350 chick	\$15.50
No. 81-B—Blue Flame—500 chick	\$16.50
No. 29-B Blue Flame—500 chick, with Giant Burner Drum	\$18.50

COAL-BURNING COLONY BROODERS

No. 117—350 chick, \$15.00; No. 118—500 chick, \$17.00; No. 119—1000 chick, \$22.50	
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BUCKEYE INCUBATORS

THE BEST FOR 25 YEARS. Guaranteed to hatch more chicks and stronger chicks. Over 400,000 satisfied users.

No. 65— 75 egg	\$18.50
No. 66—143 egg, with automatic egg turners	\$39.50
No. 67—286 eggs, with automatic egg turners	\$57.75
No. 68—416 eggs, with automatic egg turners	\$76.50
No. 69—576 eggs, with automatic egg turners	\$97.50

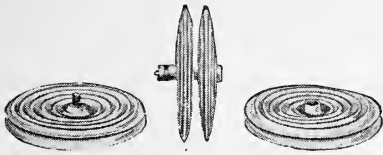
CEL-O-GLASS

Cel-O-Glass is now too well known to require an introduction. It is now standard equipment for brooder house and poultry house fronts, and being cheaper and better than ordinary glass, is in wide use. There is one CAUTION, however, that we feel impelled to make. Like every other good article, Cel-O-Glass has many imitators. Some of them are practically worthless and will not stand the sun's rays any length of time. Unfortunately, these imitations are often sold as genuine Cel-O-Glass. We advise you to be sure of the manufacturer's name before buying. Genuine Cel-O-Glass is made by Acetol Products, Inc., 21 Spruce St., New York City, and their label appears on every roll. We handle the genuine product.

Because Cel-O-Glass admits the Ultra-Violet rays of the sun, its use is recommended by many experiment stations and practical breeders. These Ultra-Violet rays have much to do with the growth and health of any living creature, and chicks raised under Cel-O-Glass will not only grow faster but will be stronger than chicks raised under ordinary glass. We will gladly supply free bulletins by noted scientists who have experimented with Cel-O-Glass and strongly recommend its use.

Square foot	14c
Lineal Foot	42c
Square yard	\$1.25
100 feet	\$40.50

GLASS CLOTH, per yard 35c.



Reliable Brass Wafer Thermostat, for any incubator or brooder. The double wafer has a solid post between the two units making each unit separate and independent of the other, so that should one of the units become damaged the other one would continue to function, thus giving double protection. The 3-inch Double Unit Wafer, 50c each; 5-inch Double Unit Wafer, \$1.25 each.

We have eight different type wafers.

Cure your meat with Old Hickory



**Save Labor,
Shrinkage
Fire Risk and
Worry**

Get the exact flavor you want; a beautiful brown color and uniform smoke cure from rind to bone. Nothing takes the place of the original and genuine



Examine the package carefully before you buy. The air-tight, ten pound drum, with the yellow and blue label must carry the Old Hickory Smoked Salt trade-mark. We have it and we guarantee it to be the genuine article.

MAKE MONEY!

PUT YOUR EGGS AWAY WHEN THEY ARE CHEAP AND SELL YOUR FRESH EGGS WHEN EGG PRICES ARE HIGH

WATER GLASS EGG PRESERVER

Is recommended by the Department of Agriculture of the United States; also by the Agricultural College. Personally, we have used Water Glass with success, and can refer to a number of our 1929 customers that used our Water Glass successfully last season.

One pint\$.25; will preserve 12 doz.
One quart\$.40; will preserve 25 doz.
One gallon\$1.25; will preserve 100 doz.
½ gallon\$.70; will preserve 50 doz.

When sent by express, purchaser pays charges.

The above prices F. O. B. Pueblo.

If sent by mail, extra charge for boxing, 25c per package.

EGG-O-LATUM

Make Winter Eggs Cost Summer Prices. June is the month of cheapest eggs, and the best time to put them down for next winter's use. Eggs coated with Egg-O-Latum can be boiled, fried, poached or whipped. Full directions with each package.

Price, per jar, 50c, postpaid—sufficient for 50 dozen eggs.



SUBJECT TO SALE—All prices in this catalogue are subject to stock being unsold on receipt of your order.

Write for Buckeye and QUEEN INCUBATOR and BROODER CATALOGUE

POULTRY ACCESSORIES

THE LARGEST STOCK OF POULTRY ACCESSORIES IN PUEBLO
THEY SAVE THE FEED, AND SAVE TIME, AND SAVE LABOR

BABY CHICK FEEDERS

Two sizes, 15c and 25c

MOE'S GRIT AND SHELL BOXES

Two sizes, \$1.00 and \$1.35

MOE'S STEEL GARDEN WEEDER

Each 25c

MAGAZINE CHICK FEEDER

AND WATERER

Each 70c

MOE'S FOUNTAIN AND BROODER

HEATER, Price, Each, \$2.00

MOE'S STAR FOUNTAIN AND

FEEDER

Each 10c, Without Glass Jar

BOTTOM FILLED FOUNTAIN

Quart, 40c; Gallon, 70c

MOE'S DOUBLE FEEDING TROUGH

Three sizes, 45c, 60c, 75c

MOE'S PRUNING SHEARS

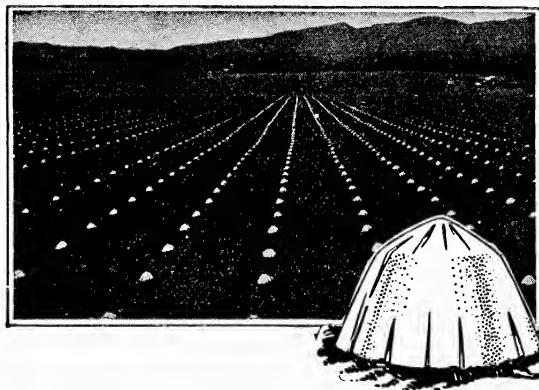
California Patterns, each \$1.00

MOE'S SINGLE FEEDING TROUGH

Three sizes, 35c, 40c, 60c

MOE'S HAND WEEDER, each 25c

BOTTLE ATOMIZER, each \$1.00



Germaco
Hotkaps



HIGHER PRICES FOR YOUR CROPS

This Amazing New Method of Plant Protection gets you Higher Prices for Larger and Quicker Crops.

Thousand of growers have added to the value of their vine crops by using Germaco HOTKAPS—shown above. This remarkable invention consists of a scientifically constructed wax paper cone that you place over each plant. Thus they are miniature hothouses that protect plants from frost, wind, rain, insects and ground crusting.

HOTKAPS not only protect plants, but make them grow harder and faster. Thus you get a greater crop production to market earlier for higher prices!

One man can "set" 3000 Hotkaps per day. They not only bring you higher prices, but are a method of crop insurance—against the danger of the elements.

Prices: 1,000 lots, \$11.50; 5,000 lots, \$11.00; 10,000 lots, \$10.75. 250 trial package, including special type garden setter, \$4.00; Germaco steel HOTKAP setter, \$2.50.

If you need HOTKAPS for your back yard garden, note these prices: 50 with special setter, \$1.50; 100 with garden setter, \$2.25; garden setter alone, 50 cents.

BIRD SUPPLIES AND REMEDIES



Bird Seed in Bulk, 20c per lb., 2 lbs. for 35c.

Canary (Imported Sicily) 20c per lb., 2 lbs. for 35c.

Rape (German Sweet) 20c per lb., 2 lbs. for 35c.

Hemp, 20c per lb., 2 lbs. for 35c.

Flax, 15c per lb., 2 lbs. for 25c.

Millet (French Pearl), 1 lb. for 10c.

Poppy or Maw (Imported) 1 lb. for 40c.

Special Roller Mixture, 20c per lb., 2 lbs. for 35c.

Washed Bird Sand, 5c per lb., 3 lbs. for 10c.

Cuttlebone, large 5c each; small 2 for 5c.

JUSTRITE PREPARATIONS

Justrite Imported Bird Seed, 25c.

Justrite Gravel Paper, 12 sheets for 25c

Justrite Song Restorer, 25c.

Justrite Vitamin Health Food 25c.

Justrite Color and Pepper Food, 25c.

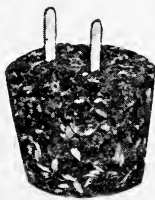
Justrite Bird Wash, 25c.

Justrite Feather Puller, 25c.

Justrite Balm for Baldness, 25c.

Justrite Bird Salve, 15c.

Justrite Bird Bitters, 25c.



Justrite Honey Roll, 15c each, 2 for 25c

GEISLER'S PREPARATIONS

Geisler's Roller Bird Seed, per pkg. 25c.

Geisler's Song and Moulting Food, per pkg. 25c.

Geisler's Vegetable Extract, per pkg. 25c.

Geisler's Mazina Biscuit, per pkg. 15c.

Geisler's Tonic A (Song Restorer), per bottle 25c.

Geisler's Tonic B (Indigestion and Diarrhea), per bottle 25c.

Geisler's Tonic C (Colds and Asthma), per bottle 25c.

Geisler's Tonic D (General), per bottle 25c.

Geisler's Health Food, per pkg. 25c.

BURNETT'S PREPARATIONS

Burnett's Lightning Regulator, per bottle 25c.

Burnett's Unexcelled Bird Food, per bottle 25c.

Burnett's Louse Powder, per pkg. 25c.

Burnett's Color Food, per pkg. 25c.

Burnett's Ideal Song Restorer, per pkg. 25c.

Burnett's Bird Nestling, per pkg. 15c.

MISCELLANEOUS BIRD SUPPLIES

McAllister's Mocking Bird Food, per pkg. 35c.

Bird Manna, 15c each, or 2 for 25c.

French's Bird Seed with Biscuit, per pkg. 15c.

Spratt's Sing Song, 15c each or 2 for 25c.

Kaempfer's High Ball, 15c each or 2 for 25c.

Wire Nests with holders, 15c each or 2 for 25c.

Bird Bath Dishes, each 10c and 15c.

Bird Bath Houses—Glass, each 75c.

Bird Cups for feed and water, per pair, 25c.

Brass Guard Cloth, per foot 40c.

Spratt's Red Mite Trap, each 25c.

Cage Springs and Brackets.

DOG FOODS AND REMEDIES



SPRATT'S DOG FOOD IN BULK

Dog Cakes
Ovals
Charcoal Ovals
Fibo
Terrier Meal (Kib-
bled)
Alsax
At 15c per lb.



SPRATT'S REMEDIES

Distemper\$1.00
Chorea60
Worm Cap. Dogs .60
Worm Cap. Pup-
pies60
Flea Powder..... .40
Flea Soap25
Rickets60
Chronic Skin
Disease60
Ear Canker60



Ask for Spratt's Booklet on care and feeding of dogs.

KEN-L-RATION

A prepared meat food in 16 oz. cans 20c; 3 for 50c.

Ken-L-Biskits, (cakes) carton 35c, 3 for \$1.00.

Ken-L-Biskits, (kibbled) carton 35c; 3 for \$1.00.



BENNETT'S MALTOID MILK BONE

Bone shaped, dog size, 10 oz. 20c. 20 oz. 45c.

Puppy size, 10 oz. 20c. 26 oz. 45c.



AUSTIN'S PUPPY BREAD, per lb. 15c.

SARGENT'S DOG MEAT BISCUIT, per lb., 15c.

Golden Dog Food, 10 oz. can 10c.

Doggie Dinner, 16 oz. can 10c.

Puppy Dinner, 16 oz. can 10c.

Calo Dog Food, 16 oz. can 20c; 3 cans for 50c.

GOLDFISH AND SUPPLIES

Goldfish can not be sent by mail, must go by Express.

Common Fish	10c to 40c	Japanese Moors (Telescope)	40c
Fantails	25c to 40c	Snails	10c
Shubunkins (calico)	25c	Tadpoles	10c

We handle only aquarium fish, ranging in size from 1½ to 3 inches. We have a complete line of Fish Globes in all sizes, also square glass Aquariums in sizes from one to six gallon capacity. We also carry Colored Shells and Chips, Castles, Moss, Fisher Boys and Fish Foods.

Root Crops for Stock Feeding

Are Neglected in Colorado

There is no crop that will yield more, and are of more value for stock feeding than the stock varieties of roots.

With the proper preparation of the soil, root crops can be grown on arid land profitably. Plow deep in the fall and cultivate early in the spring for a good fine seed bed, sow the seed when the soil is moist.

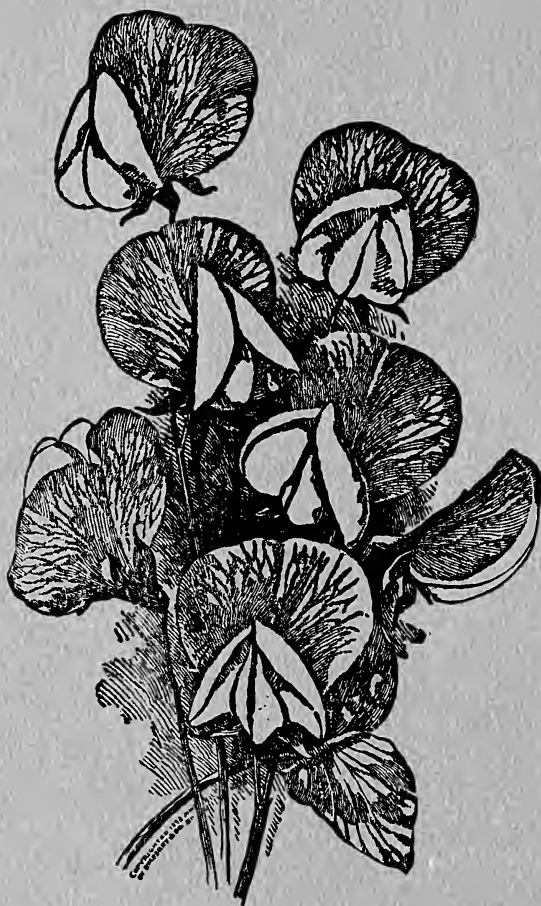
**MANGEL WURZEL
AND CARROTS** are
preferable for **CAT-
TLE** and **HOGS**;
TURNIPS and **RUTA
BAGA** for **SHEEP**.



**DON'T FAIL TO TRY ROOTS THIS
SEASON**

Special Price, 25 and 50 pound lots.

"Seeds That Grow"



The Pierce Seed & Mercantile Co.

Corner Grand and Victoria Avenues

Pueblo, Colorado.